

Operating system manages...



The operating system provides an interface by...

Windows, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,  
pointers



Security



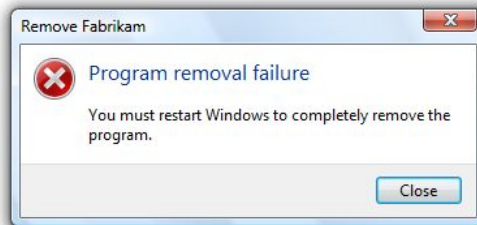
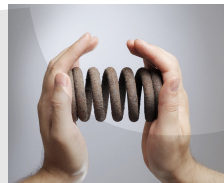
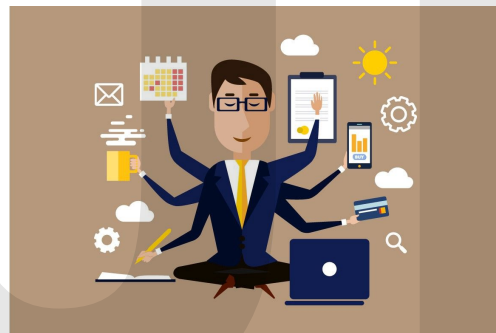
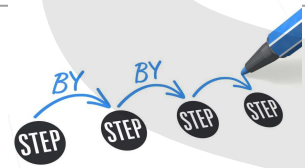
Providing a

```
Usage:
  command [options] [arguments]

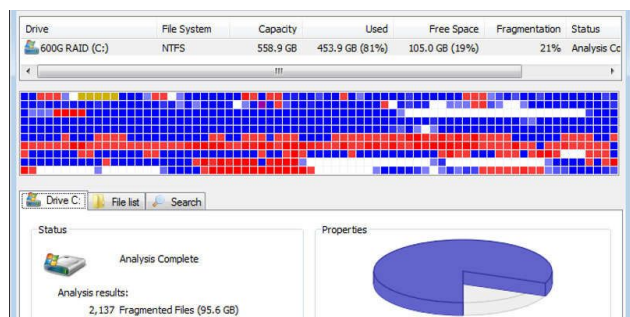
Options:
  -h, --help            Display this help message
  -q, --quiet           Do not output any message
  -v, --version         Display this application version
  --ansi               Force ANSI output
  --no-ansi            Disable ANSI output
  -i, --no-interaction Do not ask any interactive question
  --verbose, --verbose Increase the verbosity of messages: 1 for normal output, 2 for more verbose output and 3 for debug

Available commands:
  console Interactive console for controlling bitbucket repositories.
  help    Display help for a command
  list    Lists commands
  repos  Get the list of bitbucket repositories.
  ..to-deploy/bitbucket-cli/docs
```

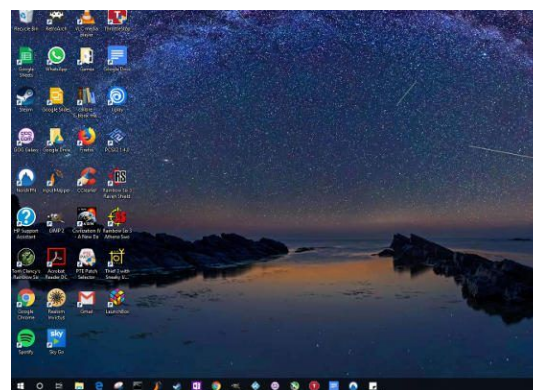
Processes



Defragmentation

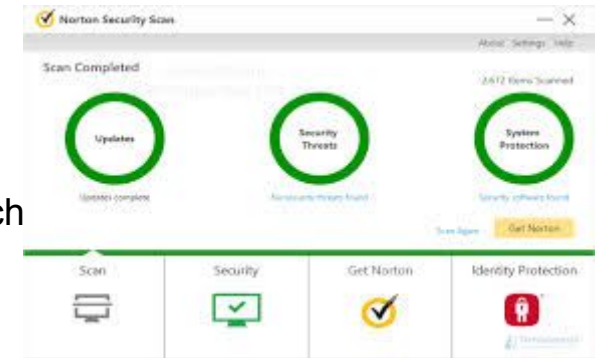


Customization  
of desktop background



Utility software

Type of software: \_\_\_\_\_



Description: to scan for \_\_\_\_\_ which  
could be causing issues with the  
disc access speed / damaging data.

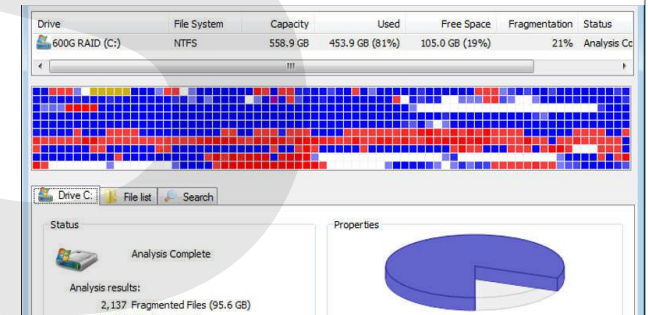
Type of software: Firewall

Description: \_\_\_\_\_



Type of software: \_\_\_\_\_

Description: is the process where  
files are physically re-arranged on  
disk so that they are no longer  
fragmented and the parts of each  
file are stored together / improving  
access speed.

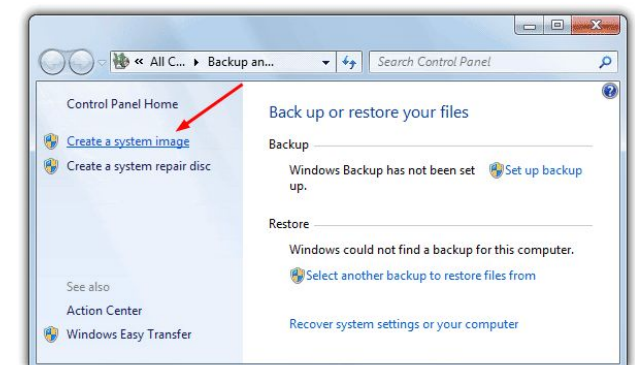


Type of software: Backup & archive

Description:

Backup= \_\_\_\_\_

Archive= \_\_\_\_\_



Operating system manages...



The operating system provides an interface by...

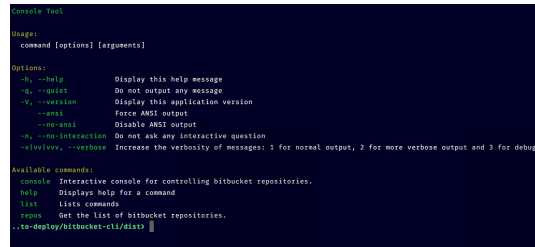
WIMP



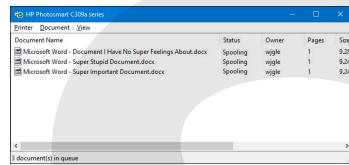
\_\_\_\_\_



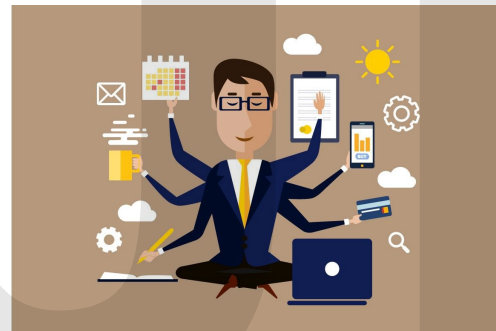
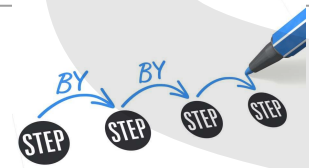
Providing a



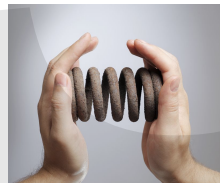
\_\_\_\_\_



Processes



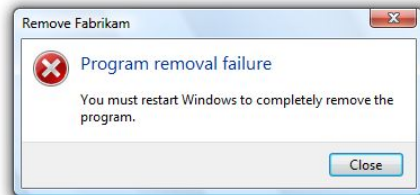
\_\_\_\_\_



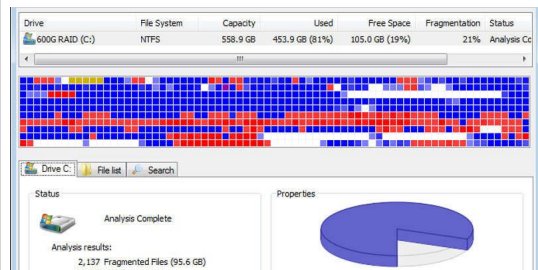
Memory



Providing the user with

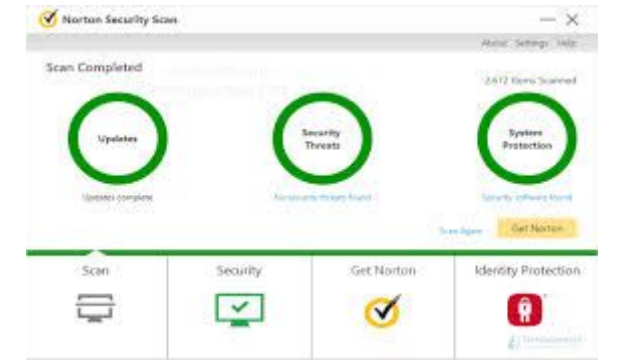


\_\_\_\_\_



Utility software

Type of software: Virus scanner



Description: \_\_\_\_\_

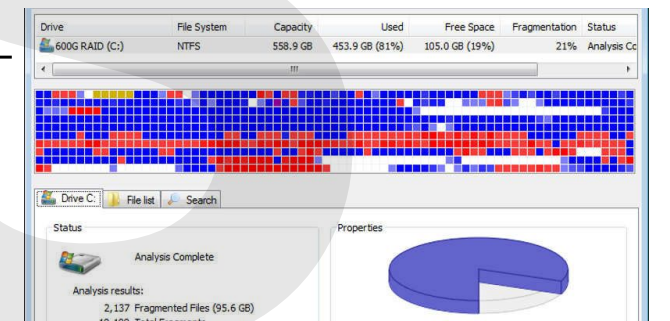
Type of software: \_\_\_\_\_

Description: \_\_\_\_\_



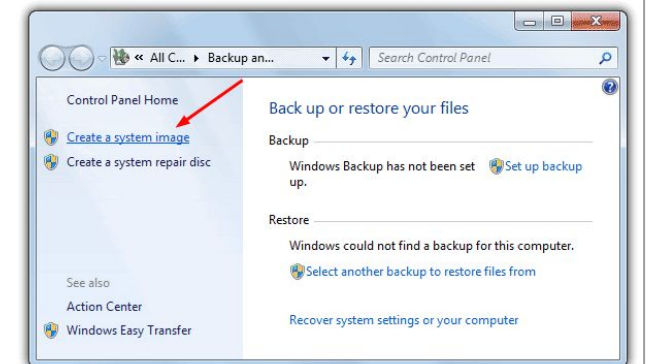
Type of software: \_\_\_\_\_

Description: is the process where files are \_\_\_\_\_ on disk so that they are no longer fragmented and the parts of each file are stored together / improving



Type of software: \_\_\_\_\_

Description: \_\_\_\_\_



Three resources managed by an operating system are output devices, the backing store and Central Processing Unit (CPU).

Describe the role of the operating system when managing **each** of these resources. [3]

.....  
.....  
.....



(b) Explain how the operating system manages printing. [2]

(c) Explain how the operating system manages the processor. [2]

(d) Explain how the operating system manages RAM. [2]

.....  
.....  
.....  
.....