Practical-14

Q. Program to copy the contents of a file to another after removing all the whitespaces.

Code:-

```cpp
//Harsh Bamotra
//Program to copy the contents of a file to other after removing spaces.

#include <iostream>
#include <fstream>
using namespace std;

int main()
  {
      string str;                    //defining string str
      ifstream in("a.txt");              //defining cursor for reading from the text file
      if(in)
          {
              cout << "Data copied succesfully !!";
          }
      else
          {
              cout << "File not found !!";
          }

      ofstream out("a1.txt");            //defining cursor for writing in the text file
      while(in)
          {
          in >> str;                    //reading from the file a
          if(str!=" ")                  //checking for whitespaces
              {
                      out << str;        //writing in the file
              }

          if(in.eof())                  //checking the end of the file
              {
                      break;        //breaking the loop at the end of the file
              }
          }

      return 0;
  }
```
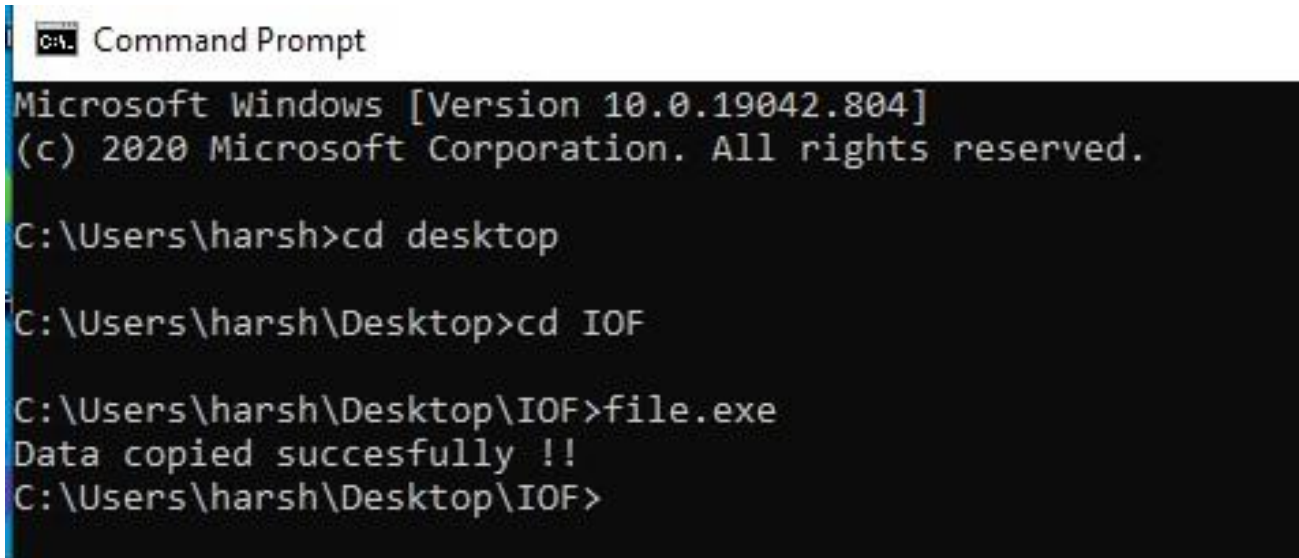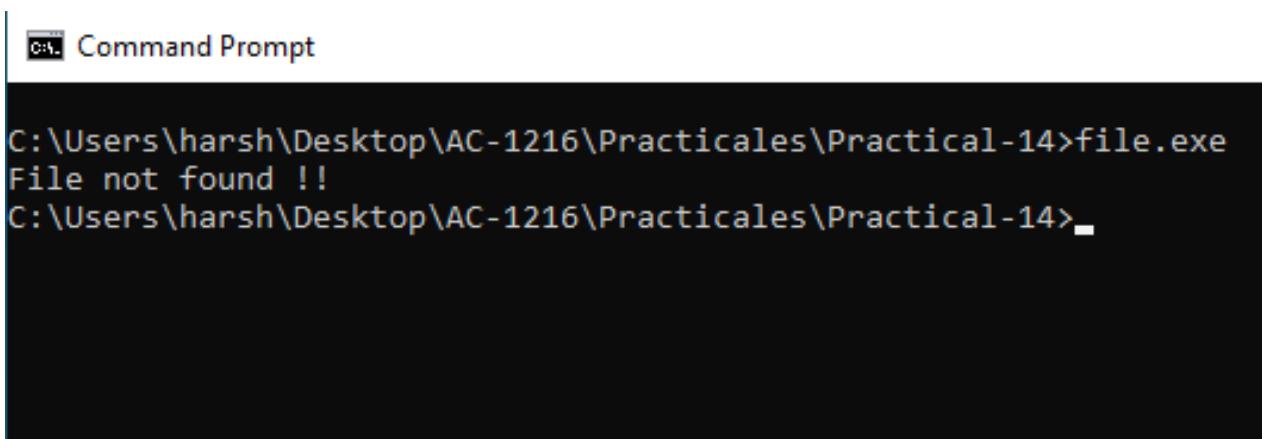
Output:-

1. Message in the console .

When file is present in the directory


```
Command Prompt

Microsoft Windows [Version 10.0.19042.804]
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C:\Users\harsh>cd desktop

C:\Users\harsh\Desktop>cd IOF

C:\Users\harsh\Desktop\IOF>file.exe
Data copied succesfully !!
C:\Users\harsh\Desktop\IOF>
```
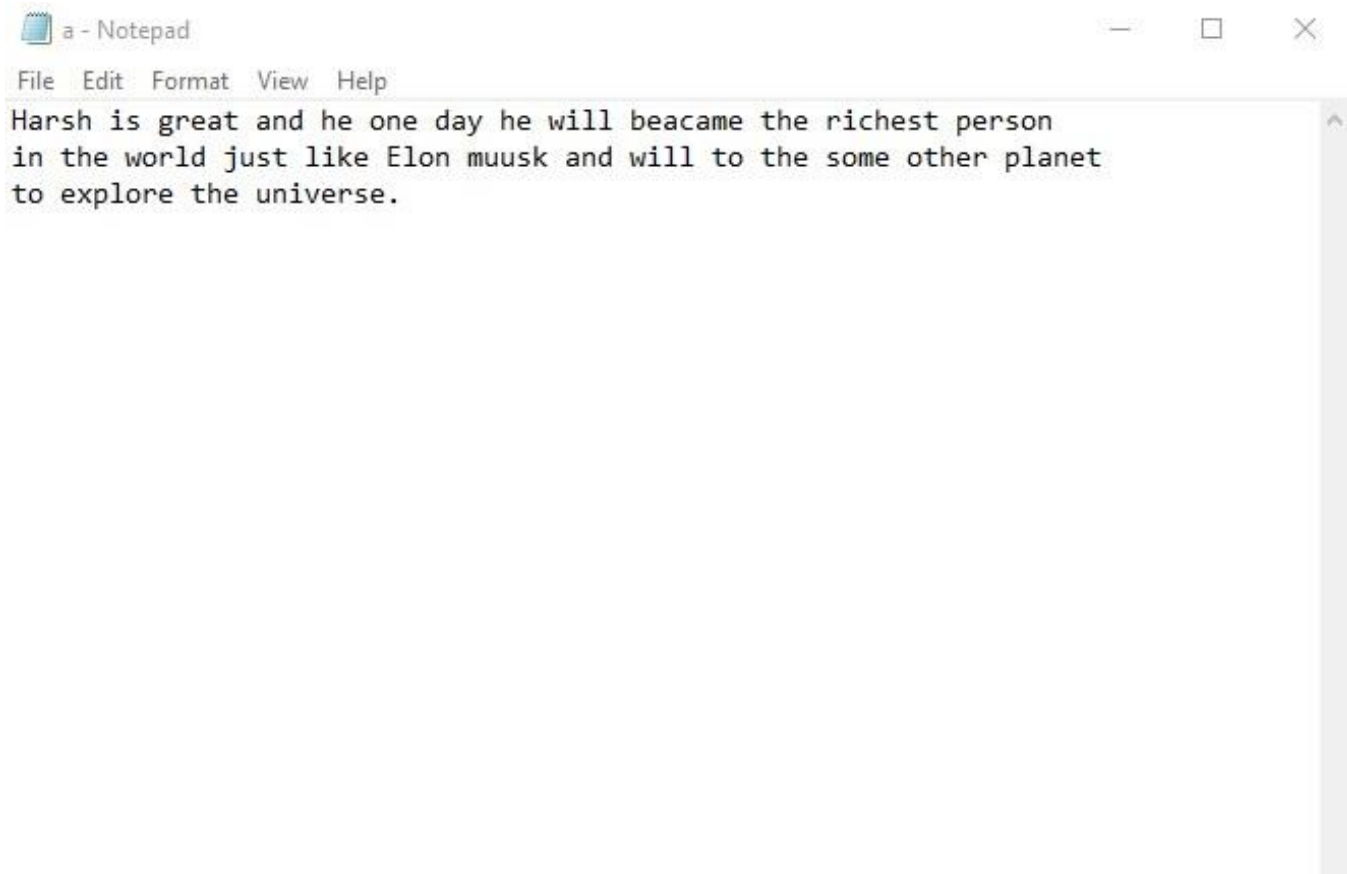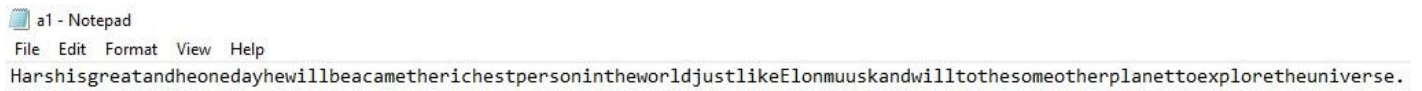
When file is present not in the directory


```
Command Prompt

C:\Users\harsh\Desktop\AC-1216\Practicales\Practical-14>file.exe
File not found !!
C:\Users\harsh\Desktop\AC-1216\Practicales\Practical-14>
```

2. Both files before coping

a1 - Notepad

File   Edit   Format   View   Help

---

a - Notepad

File   Edit   Format   View   Help

Harsh is great and he one day he will beacame the richest person
in the world just like Elon muusk and will to the some other planet
to explore the universe.

3. File after copying the content

a1 - Notepad
File Edit Format View Help

HarshisgreatandheonedayhewillbeacametherichestpersonintheworldjustlikeElonmuuskandwilltothesomeotherplanettoexploretheuniverse.

Harsh Bamotra
AC-1216