Practical-01
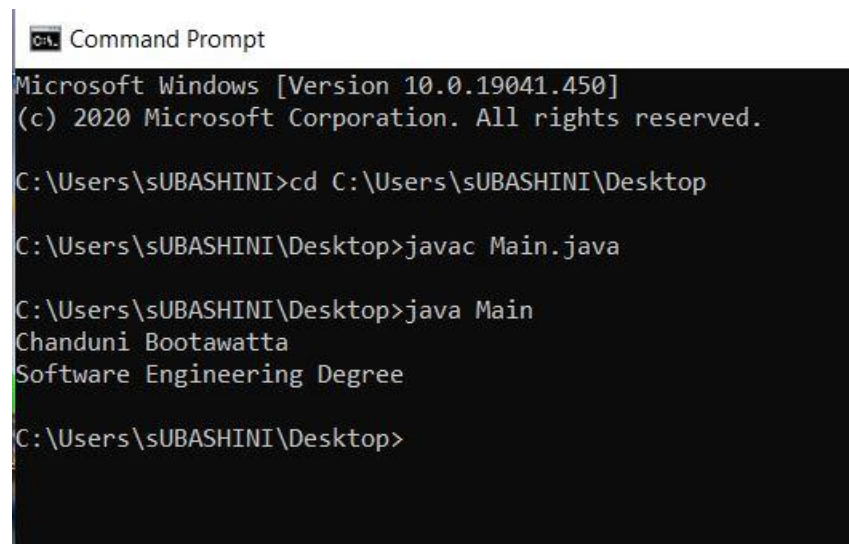
(01) public class Mavenproject6 {

  public static void main(String[] args)

{

   System.out.println("Hello World!");

  }

}

(02) public class Main {

  public static void main(String[] args) {

   System.out.println("Chanduni Bootawatta");

   System.out.println("Software Engineering Degree");

  }

}

```
Command Prompt

Microsoft Windows [Version 10.0.19041.450]
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C:\Users\sUBASHINI>cd C:\Users\sUBASHINI\Desktop

C:\Users\sUBASHINI\Desktop>javac Main.java

C:\Users\sUBASHINI\Desktop>java Main
Chanduni Bootawatta
Software Engineering Degree

C:\Users\sUBASHINI\Desktop>
```

(03) Using for loop

```java
  public class c1 {
Public static void main (String[] args)
{for (int i= 0;i<5;i++)
System.out.println("Executing loop"+i);
}
}
```

Using while loop

```java
public class c2 {

   public static void main(String[] args) {

    int  i=-1;

     while(i<5){

    System.out.println("Executing loop "+ ++i);

     }
}
}
```

(04) Result 1;

10

20

I'm out of the Loop now

Result 2;

10

20

40

50

I'm out of the Loop now

(05) Result 1;

Excellent!

Your grade is A

Result 2;

Excellent!

Your grade is A

(06)

Corrected code;

```java
public class TestEnhanceForLoop {

    public static void main(String[] args) {
        int [] numbers = {10, 20, 30, 40, 50};
        for(int x : numbers )
        {
    System.out.println( x );
    System.out.println(",");
                }
        System.out.println("\n");
     String [] names = {"James", "Larry", "Tom", "Lacy"};

  for( String name : names )
        {
    System.out.println( name );
     System.out.println(",");


        }
    }


}
```

Result;

10

,

20

,

30

,

40

,

50

,

James

,

Larry

,

Tom

,

Lacy

,