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Practical 1

1.  ```
    package com.mycompany.practical1;
    public class Practical1 {
    public static void main(String[] args) {

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

      }

      }
    ```

2.  ```
    package com.mycompany.practical1;

       public class Practical1 {

       public static void main(String[] args) {

        System.out.println("H.P.G.D Mewan");

        System.out.println("Bsc(Hons)in Software Engineering");

      }

      }
    ```

```
package com.mycompany.practical1;

public class Practical1 {

 public static void main(String[] args) {

 int x;

 for(x=0;x<5;x++)

  {

  System.out.println("Executing Loop "+x);

  }

  }

  }
```

```
package com.mycompany.practical1;

public class Practical1 ;
```

```java
public static void main(String[] args) {

int x = 0;

 while(x < 5)

     {

        System.out.println("Executing Loop "+x);

         x++;

     }




 }

   }
```

4.Result=

10

20

I'm out of the Loop now

Result=

10

20

40

50

I'm out of the Loop now

5.

Excellent!

Your grade is A

//Removing break statement in line 6

Excellent!

You passed

Better try again

Your grade is A


```java
//using if-elase
package com.mycompany.practical1;
public class Practical1 {
public static void main(String[] args) {
    char grade ='A';
    if(grade=='A')
    {
    System.out.println("Excellent!");
    }
    else if(grade=='D')
    {System.out.println("You passed");
    }
    else if(grade=='F')
    {System.out.println("Better try again");
    }
    else
    {System.out.println("Invalid grade");
    }System.out.println("Your grade is " + grade);
}
  }
```

6. int [] numbers = {10, 20, 30, 40, 50};

```java
        for(int x : numbers ){
                        System.out.print( x );
                        System.out.print(",")
        }
    System.out.print("\n");
```

```
String [] names ={"James", "Larry", "Tom", "Lacy"}

        for( String name : names ) {

                        System.out.print( name );

                        System.out.print(",");
```

OUTPUT

10,20,30,40,50,

James,Larry,Tom,Lacy,