Practical 01

01.public class Hello

```
{
        public static void main(String[] args)
       {
              System.out.println("Hello World!");
        }
}
```

02. public class Hello

```
{
        public static void main(String[] args)
       {
             System.out.println("W D W N Welikanna.");
            System.out.println("BSc(Hons)Computer Network and Security");
       }
}
```

03. public class Hello

```
{
        public static void main(String[] args)
       {
            for(int count=0;count<=4;count++)
            {
                 System.out.println("Executing Loop "+count);
            }
        }
 }
```

04. public class Hello

```
{
    public static void main(String[] args)
    {
        int [] numbers = {10, 20, 30, 40, 50};
        for(int x : numbers )
        {
            if( x == 30 )
            {
                break;
            }
            System.out.print( x );
            System.out.print("\n");
        }
            System.out.print(“I’m  out of the Loop now”);
      }
  }
```

Result – 10

20

I’m out of the loop now

```
public class Hello
{
        public static void main(String[] args)
        {
                int [] numbers = {10, 20, 30, 40, 50};
               for(int x : numbers )
               {
                        if( x == 30 )
                        {
                                break;
                        }
                        System.out.print( x );
                        System.out.print("\n");
                }
                        System.out.print(“I’m  out of the Loop now”);
           }
      }
```

Result – 10

20

40

50

I’m out of the loop now

05. public class Hello

```
{
    public static void main(String[] args)
    {
        char grade ='A';
        switch(grade)
        {
            case 'A' :
            System.out.println("Excellent!");
            break;
            case 'D' :
            System.out.println("You passed");
            case 'F' :
            System.out.println("Better try again");
            break;
            default :
            System.out.println("Invalid grade");
        }
        System.out.println("Your grade is " + grade);
     }
}
```

Result – Excellent!

Your grade is A

```
public class Hello
{
	public static void main(String[] args)
	{
		char grade ='A';
		switch(grade)
		{
			case 'A' :
			System.out.println("Excellent!");
			case 'D' :
			System.out.println("You passed");
			case 'F' :
			System.out.println("Better try again");
			break;
			default :
			System.out.println("Invalid grade");
		}
		System.out.println("Your grade is " + grade);
	 }
  }
```

Result – Excellent!

You passed

Better try again

Your grade is A

```
public class Hello
{
	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("You passed");
		}
		else
		{
			System.out.println("Invalid grade");
		}
		System.out.println("Your grade is " + grade);
	}
  }
```

Result – Excellent!

Your grade is A

```
06. public class Hello
    {
        public static void main(String[] args)
        {
                int [] numbers = {10, 20, 30, 40, 50};
                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(",");
                }
        }
   }
```

Result – 10,20,30,40,50,

James,Larry,Tom,Lacy,