Q1) Find the output of the following program

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

Q2) Find the output of the following program

```java
public class Test
{
  public static void main(String [ ] args)
  {
    int a=1;
    switch(a)
    {
      default:
      System.out.println("You choose correct option");
    }
  }
}
```

Q3) Find the output of the following program
```java
class Test28
{
    public static void main(String[] args)
    {
        for(int i=0; i <= 3 ; i++)
    {
    switch(i)
    {
    case 0:
    System.out.println("i is 0");
    break;
    case 1:
    System.out.println("i is 1");
    break;
    case 2:
    System.out.println("i is 2");
```

```
    break;
    default:
    System.out.println("i is grater than 2");
    }
}


}
}
```

Q4) Find the output of the following program

```
class Test
{
        public static void main(String[] args)
        {
                byte b =2;
                switch(b)
                {       case 23:
                        case 128:
                }
        }
}
```

Q5) Find the output of the following program

```
public class Test
{
    public static void main(String[] argv)
    {
        final int a = 1;
         int b=  2;

        int x = 0;
        switch (x)
        {
            case a:
            case b:
        }
    }
}
```

Q6) Find the output of the following program

```
public class Test
{
    public static void main(String[] argv)
    {
```

```java
        int temp = 90;
        switch(temp)
        {
            case 80 :  System.out.println("80");
            case 80 :  System.out.println("80");
            case 90 :  System.out.println("90");
            default :  System.out.println("default");
        }
    }
}
```

Q7) Find the output of the following program

```java
public class Test
{
    public static void main(String[] argv)
    {
        int x = 1;
        switch(x)
        {
            case 1:
            {
                System.out.println("x is one");
                break;
            }
            case 2:
            {
                System.out.println("x is two");
                break;
            }
            case 3:
            {
                System.out.println("x is two");  break;
            }
        }
        System.out.println("out of the switch");
    }
}
```

Q8) Find the output of the following program

```java
public class Test
{
```

```java
    public static void main(String[] argv)
    {
        int x = 2;
        switch (x)
        {
            case 2:
            case 4:
            case 6:
            case 8:
            case 10: {
                    System.out.println("x is an even number");  break;
                }
        }
    }
}
```

Q9) Find the output of the following program
```java
public class Test
{
    public static void main(String[] argv)
    {
        int x = 2;
        switch (x)
        {
            case 2:  System.out.println("2");
            default: System.out.println("default");
            case 3: System.out.println("3");
            case 4: System.out.println("4");
        }
    }
}
```

Q10) Find the output of the following program

```java
public class Test
{
    public static void main(String[] argv)
    {
        short x = 200;
        switch( x ) {
            case 100 : System.out.println("One hundred");break ;
            case 200 : System.out.println("Two hundred");break ;
            case 33000 : System.out.println("Thirty thousand ");break ;
```

```
        }
    }
}
```
Q11) Find the output of the following program

```java
public class Test
{
    public static void main(String[] argv)
    {
        long  x = 400;
        switch( x ) {
            case 100 : System.out.println("One hundred");break ;
            case 200 : System.out.println("Two hundred");break ;
            case 400 : System.out.println("Three hundred");break ;
        }
    }
}
```
Q12) Find the output of the following program

```java
public class Test
{
    public static void main(String[] argv)
    {
        int j = 3;
        switch (j)
        {
            case 2:
                System.out.println("value is two");
            case 2 + 1:
                System.out.println("value is three");
                break;
            default:
                System.out.println("value is " + j);
                break;
        }
    }
}
```
Q13) Find the output of the following program

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

```java
        final int a=10,b=20;
        while(a<b)
        {
        System.out.println("Hello");
        }
        System.out.println("World");
    }
}
```

Q14) Which of these selection statements test only for equality?

a) if
b) switch
c) if & switch
d) none of the mentioned

Q15) Find the output of the following program

```java
public class Test
{
    public static void main(String[] argv)
    {
        String s = "xyz";
        switch (s.length())
        {
            case 1:
                System.out.println("length is one");
                break;
            case 2:
                System.out.println("length is two");
                break;
            case 3:
                System.out.println("length is three");
                break;
            default:
                System.out.println("no match");
        }
    }
}
```

Q16) WAP in java to print all even numbers from 1 - 100

Q17) WAP in java to print the sum of first hundred natural number

Q18) WAP in java to print table of the given number (Number must be taken from Scanner class)