EXPERIMENT 1

Code: -

1)FOR LOOP:

code:

```
class for_program
{
public static void main(String args[])
{
int i;
int n=24;
for(i=1; i<=n;i++)
{
System.out.println(" "+i);
}
}
}
```

OUTPUT:

```
C:\Users\Sharvari A Bhondekar\OneDrive\Desktop\JAVA PROGRAMS\Exp 1>javac for_program.java

C:\Users\Sharvari A Bhondekar\OneDrive\Desktop\JAVA PROGRAMS\Exp 1>java for_program.java
 1
 2
 3
 4
 5
 6
 7
 8
 9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
```

2)WHILE LOOP:

code:

class while_program

{

public static void main(String args[])

{

int i=0;

while (i<11)

{

System.out.println(+i);

i++;

}

}

}

OUTPUT:

```
C:\Users\Sharvari A Bhondekar\OneDrive\Desktop\JAVA PROGRAMS\Exp 1>javac while_program.java

C:\Users\Sharvari A Bhondekar\OneDrive\Desktop\JAVA PROGRAMS\Exp 1>java while_program.java
0
1
2
3
4
5
6
7
8
9
10
```

3)DO WHILE LOOP

code:

class Dowhile_program

{

public static void main(String args[])

{

int i=1;

do

{

System.out.println(i);

i++;

}while(i<10);

}

}

OUTPUT:

```
C:\Users\Sharvari A Bhondekar\OneDrive\Desktop\JAVA PROGRAMS\Exp 1>javac Dowhile_program.java

C:\Users\Sharvari A Bhondekar\OneDrive\Desktop\JAVA PROGRAMS\Exp 1>java Dowhile_program.java
1
2
3
4
5
6
7
8
9
```

4)IF

code:

class If_program

{

public static void main(String args[])

{

int a=5;

int b=3;

if(a>b)

{

System.out.println("a is greater");

}

}

}

OUTPUT:

```
C:\Users\Sharvari A Bhondekar\OneDrive\Desktop\JAVA PROGRAMS\Exp 1>javac if_program.java

C:\Users\Sharvari A Bhondekar\OneDrive\Desktop\JAVA PROGRAMS\Exp 1>java if_program.java
a is greater
```

5)IF-ELSE

code:

```
class if_else
{
public static void main(String args[])
{
int a=1;
int b=3;
if(a>b)
{
System.out.println("a is greater");
}
else
{
System.out.println("b is greater");
}
}
}
```

OUTPUT:

```
C:\Users\Sharvari A Bhondekar\OneDrive\Desktop\JAVA PROGRAMS\Exp 1>javac if_else.java

C:\Users\Sharvari A Bhondekar\OneDrive\Desktop\JAVA PROGRAMS\Exp 1>java if_else.java
b is greater
```

6)IF-ELSE LADDER

code:

```
class Ladder
{
public static void main(String args[])
{
int a=5;
int b=6;
int c=7;
if(a>b && a>c)
{
System.out.println("a is greatest");
}
else if(b>a && b>c)
{System.out.println("b is greatest");
}
else{
System.out.println("c is greatest");}
}
}
```

OUTPUT:

```
C:\Users\Sharvari A Bhondekar\OneDrive\Desktop\JAVA PROGRAMS\Exp 1>javac Ladder.java

C:\Users\Sharvari A Bhondekar\OneDrive\Desktop\JAVA PROGRAMS\Exp 1>java Ladder.java
c is greatest
```

7)SWITCH

code:

```java
class Switch
{
public static void main(String args[])
{
int ch=4;
switch (ch)
{
case 1:
System.out.println("Monday");
break ;
case 2:
System.out.println("Tuesday");
break;
case 3:
System.out.println("Wednesday");
break;
case 4:
System.out.println("Thursday");
break;
case 5:
System.out.println("Friday");
break;
case 6:
```

```java
System.out.println("Saturday");

break;

case 7:

System.out.println("Sunday");

break;

}

}

}
```

OUTPUT:

8)CONTINUE

code:

```java
class Continue

{

public static void main(String args[])

{

int a=5;

int i;

for(i=0;i<a;i++)

{

if(i%2==0)

{

continue;

}
```

else{

System.out.print(+i+ " is odd number");

}

}

}

}

OUTPUT:

```
C:\Users\Sharvari A Bhondekar\OneDrive\Desktop\JAVA PROGRAMS\Exp 1>javac Continue.java

C:\Users\Sharvari A Bhondekar\OneDrive\Desktop\JAVA PROGRAMS\Exp 1>java Continue.java
1 is odd number3 is odd number
```