**Practical 01**

01) public class HelloWorld {

public static void main(String[] args) {

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

}

}

02)

03)

public class Loop {

public static void main(String[] args) {

int x=0;

while(x<=5)

{

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

x++;

}

}

}

04)

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"); “

Results:

10

20

I’m out of the Loop now

public class Loop {

public static void main(String[] args) {

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

for(int x : numbers ){

if( x == 30 ){

continue;

}

System.out.print( x );

System.out.print("\n");

}

System.out.print("I’m out of the Loop now");

}

}

Results:

10

20

40

50

I’m out of the Loop

05)

public class Results {

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);

}

}

Results:

Excellent!

Your grade is A

public class Results {

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);

}

}

Results:

Excellent!

You passed

Better try again

Your grade is A

public class Results\_else\_if {

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);

}

}

06)

class TestEnhancedForLoop {

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.println();

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,