**PRACTICAL 01**

public class Hello

{

public static void main(String[] args){

System.out.println(“Hello World”); }

}

**02.**

public class Info

{

public static void main (String[] args){

System.out.println(“VILANYA UDUKUMBURA”);

System.out.println(“SOFTWARE ENGINEERING”);}

}

**03.**

public class TestForLoop{

public static void main(String[] args){

for(int loop = 0; loop < 5; loop++)

{

System.out.println(“Executing Loop” + loop);

}

}

}

public class TestWhileLoop{

public static void main(String[] args){

int loop=0;

while(loop<=5){

System.out.println(“Executing Loop” +loop);

loop++;

}

}

}

04.

**Using Break**

public class Bre{

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");

}

}

**RESULTS:**

10

20

I’m out of the Loop now

**Using Continue**

public class Conti{

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

30

40

I’m out of the Loop now

**05.**

public class Grade{

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 Grade{

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

If-else

public class Grade{

public static void main(String[] args) {

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);

}

}

**RESULT:**

Excellent!

Your grade is A

**06.**

class TestEnhanceForLoop {

public static void main(String[] args){

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

for(int x : numbers ){

System.out.println( x );

System.out.println(",");

}

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

String [] names ={“James”, “Larry”, “Tom”, “Lacy”};

for( String name : names ) {

System.out.println( name );

System.out.println(",");}

}

}

**OUTPUT**

10

,

20

,

30

,

40

,

50

,

James

,

Larry

,

Tom

,

Lacy

,