**Experiment NO:01**

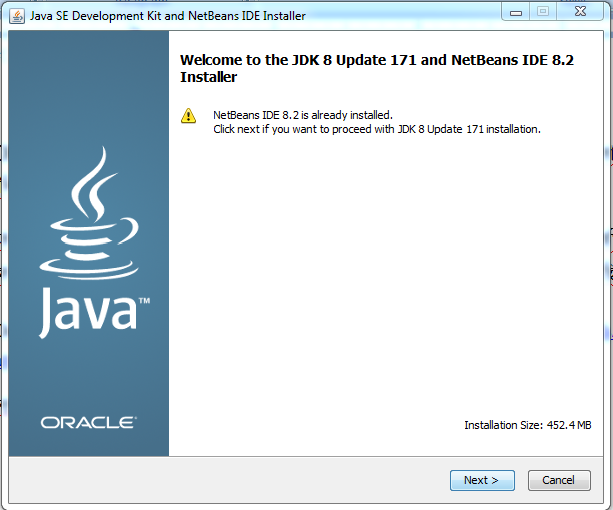
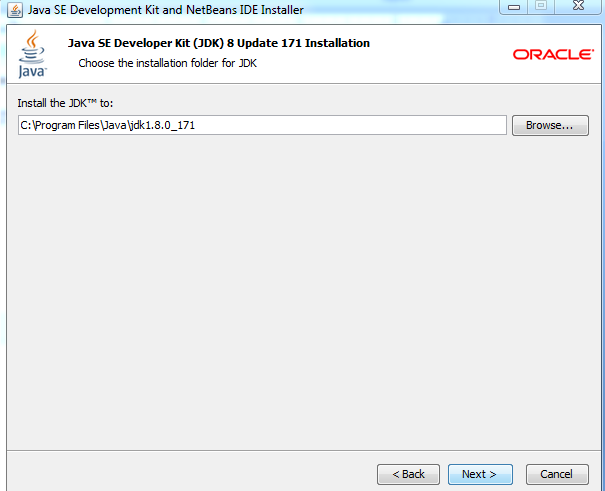
**Experiment Name: How to install JDK & NETBINS.**

cÖ\_‡g Avgv‡`i‡K JDK & NETBINS B›Uvi‡bU †\_‡K Avc‡WBU fv©kbUv WvDb‡jvW K‡i wb‡Z n‡e| Zvi ci wP‡Îi avc Abyhvqx Bb÷j K‡i wb‡Z n‡e| WvDb‡jvW n‡q †M‡j dvBjwU‡Z ivBU evUb wK¬K Ki‡Z n‡e|

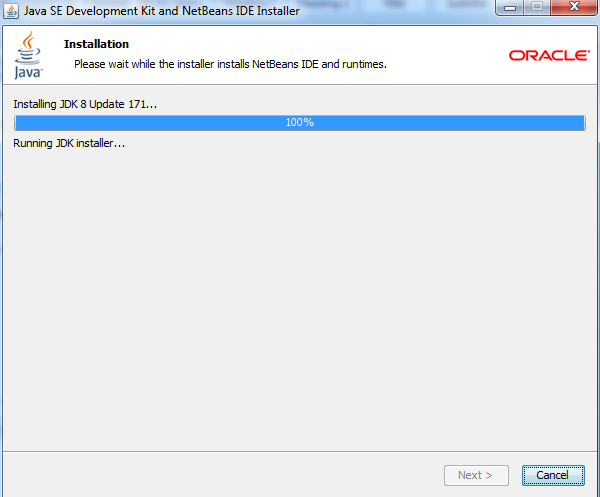
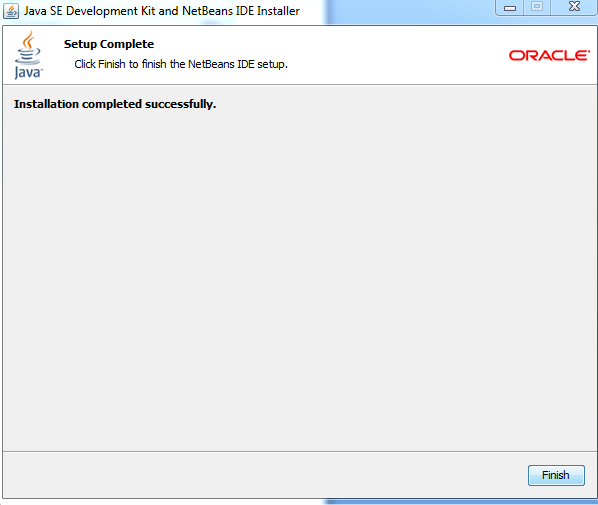
Avgiv hLb dvBjwU‡Z ivBU evUb wK¬K Kie ZLY GKwU ‡gby Avm‡e| Avgiv wP‡Îi b¨vq avc ¸‡jv AwZµg K‡i hve| GLv‡b GKUv K\_v e‡j ivwL †h Avgiv GKB JDK & NETBINS GKB mv‡\_ WvBb‡jvW K‡i †i‡LwQ|

JDK & NETBINS Download link: <https://www.oracle.com/technetwork/java/javase/downloads/jdk-7-netbeans-download-432126.html>

Kw¤úDUv‡ii KbwdMvi Abyhvqx WvDb‡jvW K‡i wb‡Z n‡e|

Step: 1 Step: 2

Step: 3 Step: 4

**Experiment NO: 02**

**Experiment Name: To Display “Hello World”**

**Code:**

Package project;

Public class project {

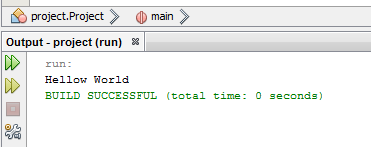
Public static void main (String [] args){

System.out.println(“Hellow world”);

}

}

**Output:**

****

**Experiment NO: 03**

**Experiment Name: Writing a program, How to print Circle Area.**

**Code:**

Package project;

Public class project {

Public static void main (String [] args){

int radius =3;

double area=Math.PI\* (radius\* radius);

System.out.println(“The area of circle is:”\* area);

Double Circle=Math.PI.\*2\*radius;

System.out.println(“The circle area is: ”+Circle);

}

}

**Output**



**Experiment NO: 04**

**Experiment Name: Write a program Adding two integer numbers.**

**Coder:**

Package project;

Public class project {

Public static void main (String [] args){

int a=50, b=60, sum;

{

Sum=(a+b);

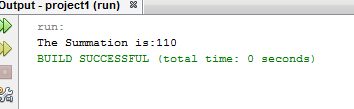
System.out.println(“The summation is:”+Sum);

}

}

}

**Output**

****

**Experiment NO:0 5**

**Experiment Name: Write a program, How to Display Triangle Area.**

**Coder:**

Package project;

Public class project {

Public static void main (String [] args){

int base=10;

int hight=20;

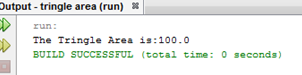
double area=(base\* hight)/2;

System.out.println(“The Tringle area is:”+area);

}

}

**Output**:



**Experiment NO: 06**

**Experiment Name: To display in sum 1 to 100 number.**

**Code:**

pacakage adding;

public class Adding{

public static void main (String []args){

int num=100, sum =0;

for (int i=1; i<=num: ++i)

{

Sum +=i;

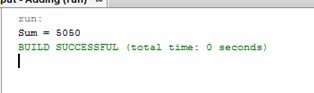
}

System.out.println(“Sum= ”Sum);

}

}

**Output**



**Experiment NO:07**

**Experiment Name: To display in 1 to 25 prime number.**

**Code:**

package primenumber;

public class PrimeNumber{

public static void main(String [] args){

int i, j;

system.out.println(“series of prime number up to 25is : ”);

for(i=2; i<=25; i++)

{

for(j=2; j<=i; j++)

}

if(i%j==0);

break;

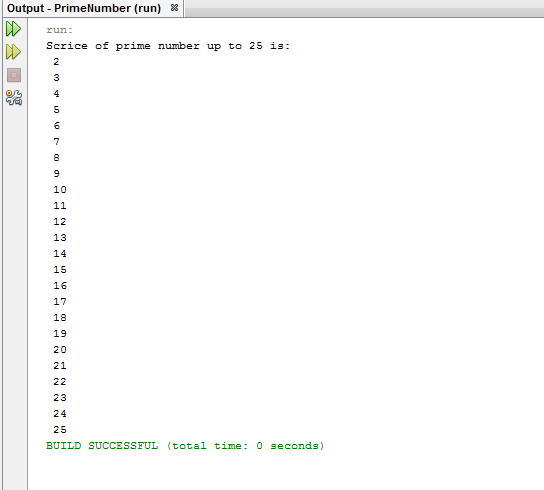
}

if (i==j);

System.out.println(“ ” +i+” ”)

} } }

**Output**



**Experiment NO: 08**

**Experiment Name: Input two integer number and Display summation.**

**Code:**

package project2;

import java.util.Scanner;

public class Project2 {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

System.out.print("Enter the first Input Number:");

int Number1=sc.nextInt();

System.out.print("Enter the Second Input Number:");

int Number2=sc.nextInt();

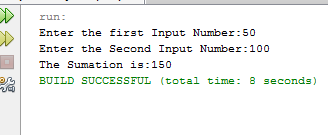
int sum = Number1+Number2;

System.out.println("The Sumation is:"+sum);

}

}

**Output**



**Experiment NO: 09**

**Experiment Name: Write a Program how to Print Summation N type Number.**

**Code:**

package project3;

import java.util.Scanner;

public class Project3 {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

int i, sum=0;

System.out.print("Enter the value of N:");

int n=sc.nextInt();

for(i=1; i<=n; i++)

{

sum=sum+i;

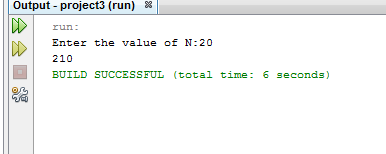
}

System.out.println(sum);

}

}

**Output**



**Experiment NO: 10**

**Experiment Name: Write a Program Using OR operator.**

**Code:**

package basicjava;

import java.util.Scanner;

public class VowelConsonentDemo {

public static void main(String[] args) {

Scanner input=new Scanner(System.in);

char ch;

System.out.print("Enter the any Letter: ");

ch = input.next().charAt(0);

if( ch=='a' || ch=='e' || ch=='i' || ch=='o' || ch=='u' || ch=='A' || ch=='E' || ch=='I' || ch=='O' || ch=='U')

{

System.out.print("This letter is:");

System.out.print("Vowel");

}

else{

System.out.print("This letter is:");

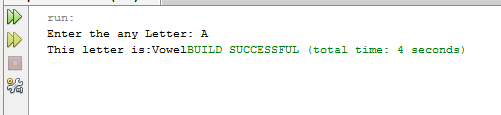
System.out.print("Consonent");

}

}

}

**Output:**



**Experiment NO: 11**

**Experiment Name: Write a Program using Logical AND Operator.**

**Code:**

package basicjava;

import java.util.Scanner;

public class CapitalSmallDemo {

public static void main(String[] args) {

Scanner input =new Scanner(System.in);

char ch;

System.out.print("Enter the any Letter: ");

ch = input.next().charAt(0);

if(ch>='a' && ch<='z')

{

System.out.print(" This is a Small Letter");

}

else if(ch>='A' && ch<='Z')

{

System.out.print(" This is a Capital Letter");

}

else{

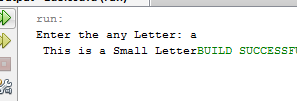
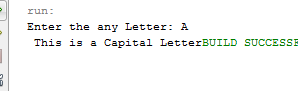
System.out.print("This is not a letter");

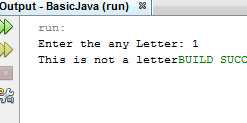
}

}

}

**Output**



**Experiment NO: 12**

**Experiment Name: write a program using switch statement.**

**Program:**

package basicjava;

import java.util.Scanner;

public class SwitchDemo {

public static void main(String[] argss){

Scanner sc=new Scanner(System.in);

int digit;

System.out.print("Enter any digit : ");

digit = sc.nextInt();

switch (digit){

case(0):

System.out.print("Zero");

break;

case(1):

System.out.print("One");

break;

case(2):

System.out.print("Two");

break;

case(3):

System.out.print("Tree");

break;

case(4):

System.out.print("Four");

break;

case(5):

System.out.print("Five");

break;

case(6):

System.out.print("Six");

break;

case(7):

System.out.print("Seven");

break;

case(8):

System.out.print("Eight");

break;

case(9):

System.out.print("Nine");

break;

default:

System.out.print("this is not digit");

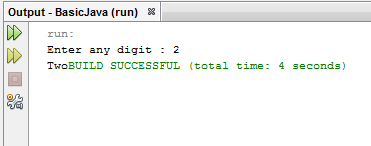
break;

}

}

}

Output:



**Experiment NO: 13**

**Experiment Name: Write a Program how to print largest number.**

**Program:**

package basicjava;

import java.util.Scanner;

public class ConditionalDemo {

public static void main(String []args){

Scanner input=new Scanner(System.in);

int num1, num2, large;

System.out.print("Enter two numbers : ");

num1 =input.nextInt();

num2 =input.nextInt();

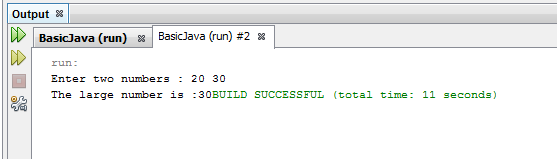
large=( num1> num2)? num1: num2;

System.out.print("The large number is :"+large);

}

}

**Output:**



**Experiment NO: 13**

**Experiment Name: write a Program using for loop statement|**

**Code**:

package basicjava;

public class ForLoopDemo {

public static void main(String args[]){

for( int i=1; i<10; i++){

System.out.println("Bangladesh");

}

}

}

Output:

