LAB PROGRAMS 2

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1)

class hello

{

public static void main(String args[])

{

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

}

}

2)

3)

import java.util.Scanner;

public class numbers

{

public static void main(String[] args)

{

Scanner in = new Scanner(System.in);

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

int n = in.nextInt();

System.out.println("Numbers are : " );

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

{

System.out.println(i);

}

}

}

4)

import java.util.Scanner;

public class program

{

public static void main(String args[]){

Scanner in = new Scanner(System.in);

int n =in.nextInt();

int t =1;

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

for(int j=0;j<i;j++){

System.out.println(t + "");

t++;

}

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

}

}

}

5)

import java.util.Scanner;

public class grade {

public static void main(String[] args) {

Scanner in = new Scanner(System.in);

System.out.println("Enter percentage in Cie");

System.out.println("Enter percentage in See");

double pc = in.nextDouble();

double ps = in.nextDouble();

double avg;

avg = ((pc+ps)/2);

if(avg >= 90)

{

System.out.println("Grade A");

}

else if(avg < 90 && avg >= 80)

{

System.out.println("Grade B");

}

else if(avg < 80 && avg >= 70)

{

System.out.println("Grade C");

}

else if(avg < 70 && avg >= 60)

{

System.out.println("Grade D");

}

else if(avg < 60 && avg >= 50)

{

System.out.println("Grade E");

}

else if(avg < 50 && avg >= 40){

System.out.println("Grade F");

}

else {

System.out.println("Failed");

}

}

}

6)

#include <stdio.h>

int main() {

int a, b, i, flag;

printf("Enter two numbers ");

scanf("%d %d", &a, &b);

printf("Prime numbers between %d and %d are: ", a, b);

while (a< b) {

flag = 0;

if (a<= 1) {

++a;

continue;

}

for (i = 2; i <= a / 2; ++i) {

if (a % i == 0) {

flag = 1;

break;

}

}

if (flag == 0)

printf("%d ", a);

++a;

}

return 0;

}





