1. class Example{

public static void main(String args[]){

for (int i=0;i<10;i++)

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

}

}

2. class Example{

public static void main(String args[]){

for(int i=0;i<101;i++)

System.out.println(i);

}

}

3. class Example{

public static void main(String args[]){

for(int i=100;i>0;i--)

System.out.println(i);

}

}

4. class Example{

public static void main(String args[]){

for(int i=0;i<101;i+=2)

System.out.println(i);

}

}

6. import java.util.\*;

class Example {

public static void main(String args[]) {

Random input=new Random();

for (int i = 0; i < 100; i++){

if(i%2==1)

System.out.println(i);

}

}

}

7. import java.util.\*;

class Example {

public static void main(String args[]) {

Random input=new Random();

for (char i = 'A'; i <= 'Z'; i++){

System.out.println(i);

}

}

}

8.

1. import java.util.\*;

class Example {

public static void main(String args[]){

Scanner input=new Scanner(System.in);

System.out.print("Input an integer : ");

int num=input.nextInt();

System.out.print(num+"!");

System.out.print("[");

int total=1;

for (int i=num; i>0 ; i--){

System.out.print(num+ "\*");

total=total\*i;

num--;

}

System.out.println('\b'+"]=" +total);

}

}

8. import java.util.\*;

class Example {

public static void main(String args[]) {

int conut;

for (int i = 1; i < 100; i++){

conut =0;

for (int j= i; j >=1 ; j--)

{

if (i%j == 0){

conut++;

}

}

if (conut == 2){

System.out.println(i);

}

}

}

}

9.

import java.util.\*;

class Example {

public static void main(String args[]){

Scanner input=new Scanner(System.in);

double max=0,min=100,avg=0,total=0,mark=0;

for (int i = 1; i <11 ; i++){

System.out.print("Input marks" +i+" : ");

mark =input.nextDouble();

if(max<mark){

max=mark;

}if(min>mark){

min=mark;

}

total+=mark;

}

avg = total/10;

System.out.println("Total ="+total);

System.out.println("Max ="+max);

System.out.println("min ="+min);

}

}

10)

11)

1. 12) import java.util.\*;

class Example {

public static void main(String args[]){

Scanner input=new Scanner(System.in);

double max=0,min=100,avg=0,total=0,mark=0;

for (int i = 1; i <11 ; i++){

System.out.print("Input marks" +i+" : ");

mark =input.nextDouble();

if(max<mark){

max=mark;

}if(min>mark){

min=mark;

}

total+=mark;

}

avg = total/10;

System.out.println("Total ="+total);

System.out.println("Max ="+max);

System.out.println("min ="+min);

}

}

13)

import java.util.\*;

class Example{

public static void main(String args[]){

Scanner input=new Scanner (System.in);

double x=1,avg1=0,avg2=0,totalx=0,totaly=0,y=1;

for(int i =1;i<=100;i++){

if(x>0&&y>0){

System.out.print("Input height"+i+":");

x = input.nextDouble();

System.out.print("Input weight "+i+":");

y = input.nextDouble();

totalx += x;

totaly += y;

}

else{

System.out.println("Nessary Error");

}

}

avg1 = totalx/100;

avg2= totaly/100;

System.out.println("Average height"+avg1);

System.out.println("Average weight "+avg2);

}

}

14) import java.util.\*;

class Example{

public static void main(String args[]){

Scanner input=new Scanner (System.in);

int r5000=0,r2000=0,r1000=0,r500=0,r200=0,r100=0;

for (int i = 1;i<=6;i++){

System.out.print("Input salary"+i+":");

int salary = input.nextInt();

int a,b,c,d,e,f;

if (salary>5000){

a=salary/5000;

salary=salary%5000;

System.out.println("R5000 notes :"+a);

a=salary/2000;

System.out.println("R2000 notes :"+a);

salary=salary%2000;

System.out.println("R1000 notes :"+a);

a=salary/1000;

salary=salary%1000;

System.out.println("R500 notes :"+a);

a=salary/500;

salary=salary%500;

System.out.println("R200 notes :"+a);

a= salary/200;

salary=salary%200;

System.out.println("R100 notes :"+a);

a=salary/100;

salary=salary%100;

}

}

}

}

15)C

16)A,B,D

17)D

18)A

19)A

20)D

23)A.123

B.23

C.3

D.4123

E.4123

F.4123

24)

A, B,E,G ,H

25)

A=1

B=2 3 1

C =3 1

D=4

E=4

F=4

26)

A,B,C,D,E,

27)B

28)

31) class Example{

public static void main(String args[]){

int i = 0;

while (i<10){

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

i++;

}

}

}

32) class Example{

public static void main(String args[]){

for (int i = 0 ;i<10;i++){

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

}

}

}

class Example{

public static void main(String args[]){

int i = 0;

while (i<=100){

System.out.println(i);

i++;

}

}

}

33) class Example{

public static void main(String args[]){

int i =0;

while (i<100){

System.out.println(i);

i+=2;

}

}

}

34)

35) import java.util.\*;

class Example{

public static void main(String args[]){

Scanner input = new Scanner (System.in);

System.out.print("Input an Integer:");

int num = input.nextInt();

int i=0;

while(num !=0){

num = num/10;

i++;

}

System.out.println("no of digit :"+i);

}

}

37) import java.util.\*;

class Example{

public static void main(String args[]){

Scanner input = new Scanner (System.in);

System.out.print("Input your value := ");

int n=input.nextInt();

int temp=n;

int r,sum=0;

while(n>0)

{

r=n%10;

n=n/10;

sum+=r\*r\*r;

}

if (temp==sum){

System.out.println("It is an armstrong number");

}

else{

System.out.println("It is not an armstrong number");

}

}

}

38) import java.util.\*;

class Example{

public static void main(String args[]){

int num1,num2,r;

Scanner input = new Scanner (System.in);

System.out.println("Enter first number:");

num1= input.nextInt();

System.out.println("Enter second number :");

num2 = input.nextInt();

while (num2 != 0 )

{

r = num1%num2;

num1=num2;

num2=r;

}

System.out.println("\n GCD : "+num1);

}

}

39) class Example{

public static void main(String args[]){

System.out.println(getsum(10));

System.out.println(getsum(100));

System.out.println(getsum(1000));

}

public static int getsum(int cap){

int sum = 0;

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

if (i%3==0|i%5 == 0){

sum+=i;

}

}

return sum;

}

}

40) import java.util.Scanner;

public class Geeth {

public static void main(String args[]){

Scanner input=new Scanner(System.in);

System.out.println("Enter number");

int n=input.nextInt();

int count=0;

int r;

while(n>0){

r=n%10;

n=n/10;

count++;

}

System.out.println(count);

}

}

41)

import java.util.Scanner;

public class Geeth {

public static void main(String args[]){

Scanner input=new Scanner(System.in);

System.out.println("Enter number");

int n=input.nextInt();

int t=n;

int sum=0;

int r;

while(n!=0){

r=n%10;

n=n/10;

sum=sum\*10+r;

}

if(sum==t){

System.out.println("palindom number");

}

else{

System.out.println("Not a palindrm number");

}

}

}

60) class Example {

public static void main(String args[]) {

int max=1;

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

for (int j=1;j<=max;j++){

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

}

System.out.println();

max++;

}

}

}

42) public class Geeth {

public static void main(String args[]){

int i=1;

while(i%2!=0||i%3!=0||i%4!=0||i%5!=0||i%6!=0||i%7!=0||i%8!=0||i%9!=0||i%2!=0||i%10!=0||

i%11!=0||i%12!=0||i%13!=0||i%14!=0||i%15!=0||i%16!=0||i%17!=0||i%18!=0||i%19!=0||i%20!=0){

i++;

}

System.out.println(i);

}

}

Output= 232792560

62) class Example {

public static void main (String args[]){

int rc=5, x=5;

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

System.out.println();

for (int j=1;j<=x;j++){

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

}

x--;

}

}

}

62)

package demo;

import java.util.\*;

public class Demo {

public static void main(String[] args) {

Scanner input = new Scanner(System.in);

System.out.print("InPut YoUR ValUE");

int x=input.nextInt();

for(;0<=x;x--){

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

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

}

System.out.println();

}

}

}

package demo;

import java.util.\*;

public class Demo {

public static void main(String[] args) {

Scanner input = new Scanner(System.in);

System.out.print("InPut YoUR ValUE");

int x=input.nextInt();

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

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

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

}

System.out.println();

}

}

}