Ques 1

import java.util.Scanner;

public class Lucky\_number {

public static void main(String[] args) {

System.out.println("Enter a numbre");

Scanner sc = new Scanner(System.in);

int n= sc.nextInt();

int temm= n;

int count=0;

while(temm!=0)

{

temm/=10;

count++;

}

if(count!=4)

{System.out.println("Invalid Number");

return ;

}

if(n%7==0 ||n%3==0 ||n%5==0)

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

else

System.out.println("Not Lucky number");

}

}

Ques 2 - Done Earlier

Ques 3

import java.util.Scanner;

public class Palindrome {

public static void main( String [] args)

{

System.out.println("Enter a number or string");

Scanner sc = new Scanner(System.in);

String s= sc.nextLine();

int start=0, end=s.length()-1;

boolean palindrometrue=true;

while(start<end)

{

if(s.charAt(start)!=s.charAt(end))

{

palindrometrue=false;

System.out.println("Not palindrome");

return ;

}

start++;

end--;

}

if(palindrometrue)

System.out.println("Palindrome");

else

System.out.println("Not palindrome");

}

}

Ques 4

import java.util.Scanner;

public class Prime\_list {

public static void main(String[] args) {

System.out.println("Enter the range");

Scanner sc = new Scanner(System.in);

int x = sc.nextInt();

int y = sc.nextInt();

boolean isprime= true;

for(int i=x;i<=y;i++)

{

isprime=true;

if(i<=1)

isprime=false;

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

{

if(i%j==0){

isprime=false;

break;

}

}

if(isprime)

System.out.println(i);

}

}

}

Ques 5

import java.util.Scanner;

import javax.lang.model.util.ElementScanner14;

public class Seasons {

public static void main(String[] args) {

System.out.println("Enter the no. of month");

Scanner sc = new Scanner(System.in);

int m= sc.nextInt();

if(m==1 || m==12 ||m==2)

System.out.println("Winter");

else if(m==3||m==4||m==5)

{

System.out.println("Spring");

}

else if (m==6 ||m==7||m==8)

System.out.println("Summer");

else if(m==9 ||m==10||m==11)

System.out.println("Autumn");

else

System.out.println("Invalid Input");

}

}

Ques 6 - Done before

Ques 7

import java.util.Scanner;

public class Seasons {

public static void main(String[] args) {

System.out.println("Enter the no. of Students placed in CSE , ECE and MECH respectively");

Scanner sc = new Scanner(System.in);

int cse= sc.nextInt();

int ece = sc.nextInt();

int mech= sc.nextInt();

if(cse <0 || mech<0 ||ece<0)

System.out.println("Invalid input");

if(cse> ece && cse > mech)

System.out.println("CSE has scored highest placements");

else if(ece>mech && ece> cse)

System.out.println("ECE department has scored highest placements");

else if(mech>ece && mech>cse)

System.out.println("Mechanical department has scored highest placements");

else if(cse==mech && mech==ece)

System.out.println("Neither department has highest placements");

}

}

Ques 8

import java.util.\*;

public class Magic\_band {

public static void main(String[] args) {

System.out.println("Enter 4 numbers");

Scanner sc = new Scanner(System.in);

int [] numbers = new int[4];

for(int i=0;i<4;i++)

{

numbers[i]= sc.nextInt();

}

for(int num: numbers)

{

char ch= (char)num;

System.out.println(ch);

}

sc.close();

}

}

Ques 9

import java.util.Scanner;

public class Pizza\_order {

public static void main(String[] args) {

System.out.println("Enter your order (no. of pizza, puffs and cold-drinks respectively)");

Scanner sc = new Scanner(System.in);

int p= sc.nextInt();

int pp= sc.nextInt();

int cd= sc.nextInt();

int pc = 100, ppc=20, cdc=10;

int fc = (p\*pc) + (pp\*ppc) + (cd\*cdc);

System.out.println("Bill Invoice");

System.out.println("Pizza :"+p\*pc);

System.out.println("Puffs :"+pp\*ppc);

System.out.println("Cold drinks :"+cd\*cdc);

System.out.println("Total cost :"+fc);

System.out.println("ENJOY THE SHOW");

}

}

Ques 10

import java.util.Scanner;

public class Fuel\_consumption {

public static void main(String[] args) {

System.out.println("Enter the no. of liters to fill up the tank and the distance travelled respectively");

Scanner sc = new Scanner(System.in);

double fuel = sc.nextInt();

double distance= sc.nextInt();

if(fuel <=0 || distance <=0)

{ System.out.println("Invaldi input");

return;

}

System.out.printf("Liter/100km : %.2f%n",((fuel/distance)\*100));

double mile= distance \*0.6214;

double gallon= fuel\*0.2642;

System.out.printf("Miles/gallon :%.2f%n",mile/gallon);

}

}