Tasks for Thursday Lab(16th June 2022)

1. Write a Java Program to check given number is even or odd

2. Write a Java Program to print greatest of three numbers

using if else

3. Write a Java Program to print the life period of the

user based on user's age

childhood 1-10 years

Adolescence 10-16 years

Teenager 16-19 years

Young Adult 19-24

Adult 24-35

Middle Age 35-45

Late Adult 45-60

senior citizen 60 above

4. Write a program to encrypt a grade by adding 8 to it. Also

decrpyt it to show the corrent grade.

Q1:

package prac;

import java.util.\*;

public class EvenOdd {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

int n = sc.nextInt();

if(n % 2 == 0 ){

System.out.println("Even");

}

else {

System.out.println("Odd");

}

}

}

Q2:

package prac;

import java.util.\*;

public class Greatest {

public static void main(String[] args) {

// TODO Auto-generated method stub

Scanner sc = new Scanner(System.in);

int a = sc.nextInt();

int b = sc.nextInt();

int c = sc.nextInt();

if(a > b && a > c) {

System.out.println(a + " is greater");

}

else if(b>a && b>c){

System.out.println(b + " is greater");

}

else {

System.out.println(c + " is greater");

}

}

}

Q 3 :

package prac;

import java.util.Scanner;

public class LifePeriod {

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

int age = sc.nextInt();

if(age <= 10 && age >= 1 ) {

System.out.println("childhood");

}

else if(age>=11 && age<=16){

System.out.println("Adolescence");

}

else if(age>= 17 && age <= 19){

System.out.println("Teenager");

}

else if(age>=20 && age<=24){

System.out.println("Young Adult");

}

else if(age>= 25 && age <= 35){

System.out.println("Adult");

}

else if(age>=36 && age<=45){

System.out.println("Middle Age ");

}

else if(age>= 46 && age <= 50){

System.out.println("Late Adult");

}

else {

System.out.println("senior citizen");

}

}

}

Q 4:

Package prac;

public class Encrypt {

public static void main(String[] args) {

// TODO Auto-generated method stub

char a = 'A';

a = (char)(a + 8);

System.out.println(a);

a = (char)(a- 8);

System.out.println(a);

}

}