**ASSIGNMENT**

Date: 19/01/2017

1. Write a program to accept student name and student marks of 5 subject. Calculate the percentage

and display the GRAD for the student

               1. Between 100 to 85 Grade = A+

               2. Between 84 to 75 Grade = A

               3. Between 74 to 65 Grade = B

               4. Between 64 to 50 Grade = c

               5. Below 50 Grade = Fail

 Display name along with grade of student.

**Source Code:-**

import java.io.\*;

import java.util.\*;

class Grade1

{

String name;

int m1,m2,m3,m4,m5,sum;

float grade;

public void accept()

{

Scanner s=new Scanner(System.in);

System.out.println("Enter Student's Name" );

name=s.nextLine();

System.out.println("Enter mark1: " );

m1=s.nextInt();

System.out.println("Enter mark2: " );

m2=s.nextInt();

System.out.println("Enter mark3: " );

m3=s.nextInt();

System.out.println("Enter mark4: " );

m4=s.nextInt();

System.out.println("Enter mark5: " );

m5=s.nextInt();

}

public void grade()

{

sum=m1+m2+m3+m4+m5;

grade=((sum\*100)/500);

System.out.println("Average is "+grade);

if (grade<=100 && grade>=85)

{

System.out.println("A+ grade");

}

else if(grade<=84 && grade>=75)

{

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

}

else if(grade<=74 && grade>=64)

{

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

}

else if(grade<=65 && grade>=50)

{

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

}

else

{

System.out.println(name+" ,you are Failed");

}

}

}

public class Grade

{

public static void main(String args[])

{

Grade1 g=new Grade1();

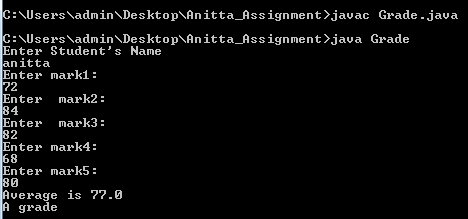
g.accept();

g.grade();

}

}

**Output:-**

****

1. Write a program to accept Customer name and number of product purchased by customer

Along with price and quality of product. If the salary of customer is 10000 per month then what percentage of salary customer spent on purchase?

**Source Code:-**

import java.io.\*;

import java.util.\*;

import java.util.Scanner.\*;

class Purchase1

{

float total,spent;

String Name;

float price,quantity,salary=10000;

public void details()

{

Scanner s=new Scanner(System.in);

System.out.println("Enter your Name:");

Name=s.nextLine();

System.out.println("Enter the price:");

price=s.nextFloat();

System.out.println("Enter the quantity:");

quantity=s.nextFloat();

}

public void display()

{

total=(quantity\*price);

spent=((total/salary)\*100);

System.out.println("the customer is spent "+spent+"% of his/her salary");

}

}

public class Purchase

{

public static void main(String args[])

{

Purchase1 p=new Purchase1();

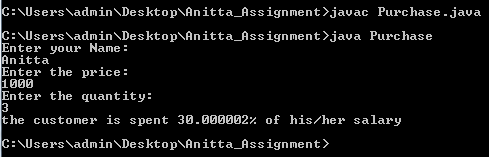
p.details();

p.display();

}

}

**Output:-**



1. Write a Program to accept 10 customers name and customers rating for Android one mobile

Phone. Display the average rating for the product.

**Source code:**

import java.io.\*;

import java.util.\*;

class Mobile\_Rating1

{

String name1,name2,name3,name4,name5,name6,name7,name8,name9,name10;

int m1,m2,m3,m4,m5,m6,m7,m8,m9,m10,sum;

float rating;

public void accept()

{

System.out.println("Enter 10 customer's name ane rating below " );

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

Scanner s=new Scanner(System.in);

System.out.println("Enter Your Name" );

name1=s.nextLine();

System.out.println("Enter Your Rating out of 10 here: " );

m1=s.nextInt();

Scanner s3=new Scanner(System.in);

System.out.println("Enter Your Name" );

name2=s3.nextLine();

System.out.println("Enter Your Rating out of 10 here: " );

m2=s3.nextInt();

Scanner s4=new Scanner(System.in);

System.out.println("Enter Your Name" );

name3=s4.nextLine();

System.out.println("Enter Your Rating out of 10 here: " );

m3=s4.nextInt();

Scanner s1=new Scanner(System.in);

System.out.println("Enter Your Name" );

name4=s1.nextLine();

System.out.println("Enter Your Rating out of 10 here: " );

m4=s1.nextInt();

Scanner s2=new Scanner(System.in);

System.out.println("Enter Your Name" );

name5=s2.nextLine();

System.out.println("Enter Your Rating out of 10 here: " );

m5=s2.nextInt();

Scanner s5=new Scanner(System.in);

System.out.println("Enter Your Name" );

name6=s5.nextLine();

System.out.println("Enter Your Rating out of 10 here: " );

m6=s5.nextInt();

Scanner s6=new Scanner(System.in);

System.out.println("Enter Your Name" );

name7=s6.nextLine();

System.out.println("Enter Your Rating out of 10 here: " );

m7=s6.nextInt();

Scanner s7=new Scanner(System.in);

System.out.println("Enter Your Name" );

name8=s7.nextLine();

System.out.println("Enter Yout Your Rating out of 10 here:" );

m8=s7.nextInt();

Scanner s8=new Scanner(System.in);

System.out.println("Enter Your Name" );

name9=s8.nextLine();

System.out.println("Enter Your Rating out of 10 here:" );

m9=s8.nextInt();

Scanner s9=new Scanner(System.in);

System.out.println("Enter Your Name" );

name10=s9.nextLine();

System.out.println("Enter Your Rating out of 10 here: " );

m10=s9.nextInt();

}

public void rating()

{

sum=m1+m2+m3+m4+m5+m6+m7+m8+m9+m10;

rating=((sum\*100)/100);

System.out.println("Average Rating is "+rating);

}

}

public class Mobile\_Rating

{

public static void main(String args[])

{

Mobile\_Rating1 m=new Mobile\_Rating1();

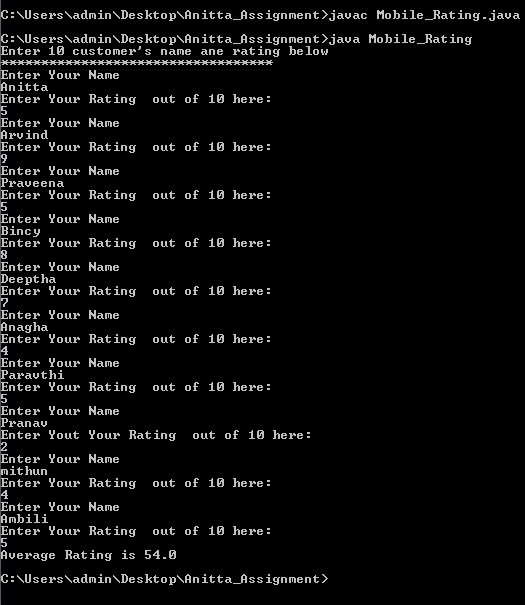
m.accept();

m.rating();

}

}

**Output:**



\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*