/*1.Create a class named Employee that consists following members to support Employee automation and print the Employee Salary details:-

#.define instance variables to store empCode(string), empName(string), post(string), basic(double) of the Employee.

#.define constructors to initialise Employee information in corresponding instance/object variable.

#.define methods to calculate Employee Salary by applying the following conditions:-

***Dearness Allowance must be 30% of the basic pay if the basic pay is more than Rs.15000/- per month otherwise @25%.**

***House Rent Allowance must be 15% of the basic pay if the basic pay is less than Rs.10000/- per month otherwise @20%.**

***Medical allowance is fixed Rs.2500/- paid to each Employee per month.**

***Income Tax is deducted @12% of the Gross/Total salary only if the gross salary exceeds Rs.20000/- per month.**

#.define method to print stored Employee salary information.

Display the complete functionality

[Make suitable assumption if necessary] */

```
import java.util.*;

class Employee{

private String empCode="",empName="",post="";
```

```
private double basic;
private final double ma=2500.0;
Employee(){}
Employee(String empCode,String empName,String post,double basic){
this.empCode=empCode;
this.empName=empName;
this.post=post;
this.basic=basic;
}
void accept(String empCode,String empName,String post,double basic){
this.empCode=empCode;
this.empName=empName;
this.post=post;
this.basic=basic;
}
void accept(double basic){
this.basic=basic;
}
double getDa(){
return(basic>15000?basic*30/100:basic*25/100);
}
double getHra(){
return(basic<10000?basic*15/100:basic*20/100);
}
double gross(){
```

```
return(basic+getDa()+getHra()+ma);
}
double getItax(){
return(gross()>20000?gross()*12/100:0.0);
}
double getNetSal(){
return(gross()-getItax());
}
void print(){
System.out.println("======Employee Salary Details===dated::"+new Date());
System.out.println("Employee Code                :"+empCode.toUpperCase());
System.out.println("Employee Name                :"+empName.toUpperCase());
System.out.println("Post/Designation             :"+post.toUpperCase());
System.out.println("-----------------------------------------------------------------");
System.out.println("Basic Pay in Rs.             :"+basic);
System.out.println("Dearness allowance in Rs.    :"+getDa());
System.out.println("House Rent allowance in Rs.  :"+getHra());
System.out.println("Medical allowance in Rs.     :"+ma);
System.out.println("Gross/Total Salary in Rs.    :"+gross());
System.out.println("Income Tax deduction in Rs.  :"+getItax());
System.out.println("-----------------------------------------------------------------");
System.out.println("Net Salary in Rs.            :"+getNetSal());
System.out.println("================================================");
}
```

}//Close of class Employee

```
class OEmployee{
public static void main(String args[]){
Scanner s=new Scanner(System.in);
System.out.println();
System.out.println("Begin Inserting Employee Information.....");
System.out.print("Enter Employee Code              ::");
String empCode=s.nextLine();
//System.out.println(empCode);
System.out.print("Enter Employee Name              ::");
String empName=s.nextLine();
//System.out.println(empName);
System.out.print("Enter Employee Post              ::");
String post=s.nextLine();
//System.out.println(post);
System.out.print("Enter Basic pay in Rs.           ::");
double basic=s.nextDouble();
//System.out.println(basic);
Employee E=new Employee(empCode,empName,post,basic);
E.print();
System.out.print("Enter New Basic pay in Rs.       ::");
basic=s.nextDouble();
//System.out.println(basic);
E.accept(basic);
E.print();
```

}//Close of main

}**//Close of class OEmployee**

// OUTPUT

```
Begin Inserting Employee Information.....
Enter Employee Code             ::e001
Enter Employee Name             ::rajnish ranjan
Enter Employee Post             ::manager
Enter Basic pay in Rs.          ::80000.0
======Employee Salary Details===dated::Fri Jan 08 21:33:58 IST 2016
Employee Code                   :E001
Employee Name                   :RAJNISH RANJAN
Post/Designation                :MANAGER
---------------------------------------------------------------------
Basic Pay in Rs.                :80000.0
Dearness allowance in Rs.               :24000.0
House Rent allowance in Rs.             :16000.0
Medical allowance in Rs.        :2500.0
Gross/Total Salary in Rs.       :122500.0
Income Tax deduction in Rs.             :14700.0
---------------------------------------------------------------------
Net Salary in Rs.               :107800.0
=====================================================
Enter New Basic pay in Rs.              ::100000.0
======Employee Salary Details===dated::Fri Jan 08 21:34:00 IST 2016
Employee Code                   :E001
```

Employee Name :RAJNISH RANJAN

Post/Designation :MANAGER

Basic Pay in Rs. :100000.0

Dearness allowance in Rs. :30000.0

House Rent allowance in Rs. :20000.0

Medical allowance in Rs. :2500.0

Gross/Total Salary in Rs. :152500.0

Income Tax deduction in Rs. :18300.0

Net Salary in Rs. :134200.0

==========

/*2.Create a class named Billing/Invoicing that consists following members to generate and print bill.

#.define instance variables itemCode(string), itemName(string), companyName(string), tpye(string), qty(double) and mrp(double).

#.define constructors to automatic initialisation.

#.define methods to change input.

#.define methods to ccompute invoice/bill by applying the following conditions:-

***flat 40% discount is available on Garments on purchase amount and also 30% on Footwear and 10% on other products.**

***1% VAT is to be paid by consumer on getting bill.**

***define method to print invoice/bill.**

Display the complete functionality

[Make suitable assumption if necessary] */

```
import java.util.*;

class Invoice{

private String itemCode="",itemName="",companyName="",productType="";

private double mrp,qty;

Invoice(){}

Invoice(String itemCode,String itemName,String companyName,String
productType,double mrp,double qty){

this.itemCode=itemCode;

this.itemName=itemName;

this.companyName=companyName;

this.productType=productType;

this.mrp=mrp;

this.qty=qty;

}

void change(String itemCode,String itemName,String companyName,String
productType,double mrp,double qty){

this.itemCode=itemCode;

this.itemName=itemName;

this.companyName=companyName;

this.productType=productType;

this.mrp=mrp;
```

```
this.qty=qty;
}
void change(double mrp,double qty){
this.mrp=mrp;
this.qty=qty;
}
double purchaseAmt(){
return(mrp * qty);
}
double getDiscountRate(){
double slab=10.0;
if(productType.equalsIgnoreCase("GARMENT"))
  slab=40.0;
else if(productType.equalsIgnoreCase("FOOTWEAR"));
        slab=30.0;
return(slab);
}
double getDiscountAmt(){
return(purchaseAmt() * getDiscountRate() / 100);
}
double getPayableAmt(){
return(purchaseAmt() - getDiscountAmt());
}
double getVAT(){
return(getPayableAmt() * 1/100);
```

```
}
double netBillAmt(){
return(getPayableAmt() + getVAT());
}
void print(){
System.out.println("=======Bill/Invoice details====dated:"+new Date());
System.out.println("Item Code                ::"+itemCode.toUpperCase());
System.out.println("Item Name                ::"+itemName.toUpperCase());
System.out.println("Company Name             ::"+companyName.toUpperCase());
System.out.println("Item Type                ::"+productType.toUpperCase());
System.out.println("M.R.P in Rs.             ::"+mrp);
System.out.println("Quantity taken           ::"+qty);
System.out.println("-----------------------------------------------------------");
System.out.println("Purchase Amount in Rs. ::"+purchaseAmt());
System.out.println("Discount Rate in Percentage ::"+getDiscountRate()+"%");
System.out.println("Discount Amount in Rs. ::"+getDiscountAmt());
System.out.println("-----------------------------------------------------------");
System.out.println("Payable Amount in Rs.   ::"+getPayableAmt());
System.out.println("1% VAT in Rs.            ::"+getVAT());
System.out.println("-----------------------------------------------------------");
System.out.println("Net Bill/Invoice Amount in Rs. ::"+netBillAmt());
System.out.println("==================================");
}
```

}//Close of class Invoice

```
class OInvoice{
```

```
public static void main(String args[]){
Scanner s=new Scanner(System.in);
System.out.println();
System.out.println("Begin Inserting Purchase Item details.....");
System.out.print("Enter Item Code          :");
String itemCode=s.nextLine();
//System.out.println(itemCode);
System.out.print("Enter Item Name          :");
String itemName=s.nextLine();
//System.out.println(itemName);
System.out.print("Enter Company Name       :");
String companyName=s.nextLine();
//System.out.println(companyName);
System.out.print("Enter Item Type          :");
String productType=s.nextLine();
//System.out.println(productType);
System.out.print("Enter M.R.P. In Rs.      :");
double mrp=s.nextDouble();
//System.out.println(mrp);
System.out.print("Enter Quantity taken     :");
double qty=s.nextDouble();
//System.out.println(qty);
Invoice bill=new Invoice(itemCode,itemName,companyName,productType,mrp,qty);
bill.print();
System.out.print("Enter New M.R.P. In Rs.   ::");
```

```
mrp=s.nextDouble();
//System.out.println(mrp);
System.out.print("Enter New Quantity taken::");
qty=s.nextDouble();
//System.out.println(qty);
bill.change(mrp,qty);
bill.print();
```

}//Close of main

}//Close of OInvoice class

//OUTPUT

```
Begin Inserting Purchase Item details.....
Enter Item Code         :i001
Enter Item Name         :iphone
Enter Company Name      :apple
Enter Item Type         :electronics
Enter M.R.P. In Rs.     :60000.0
Enter Quantity taken    :1.0
=======Bill/Invoice details====dated:Sat Jan 09 00:06:56 IST 2016
Item Code                       ::I001
Item Name                       ::IPHONE
Company Name                    ::APPLE
Item Type                       ::ELECTRONICS
M.R.P in Rs.                    ::60000.0
Quantity taken                  ::1.0
```

```
------------------------------------------------------------

Purchase Amount in Rs.          ::60000.0

Discount Rate in Percentage     ::30.0%

Discount Amount in Rs.          ::18000.0

------------------------------------------------------------

Payable Amount in Rs.           ::42000.0

1% VAT in Rs.                   ::420.0

------------------------------------------------------------

Net Bill/Invoice Amount in Rs.  ::42420.0

==================================

Enter New M.R.P. In Rs.     ::55000.0

Enter New Quantity taken::2.0

=======Bill/Invoice details====dated:Sat Jan 09 00:07:00 IST 2016

Item Code                       ::I001

Item Name                       ::IPHONE

Company Name                    ::APPLE

Item Type                       ::ELECTRONICS

M.R.P in Rs.                    ::55000.0

Quantity taken                  ::2.0

------------------------------------------------------------

Purchase Amount in Rs.          ::110000.0

Discount Rate in Percentage     ::30.0%

Discount Amount in Rs.          ::33000.0

------------------------------------------------------------

Payable Amount in Rs.           ::77000.0
```

1% VAT in Rs. ::770.0

Net Bill/Invoice Amount in Rs. ::77770.0

==========

/* 3.Create a class named Complex that consists following members to store and print Complex No.

#.define instance variables real(int) and imag(int) to store Complex No.

#.define constructors to support automatic initialisation.

#define changeComplexNo(int,int) to change the Complex No.

#.define Complex addComplexNo(Complex) to add to Complex objects.

#.define printComplexNo() to print the Complex No.

Display the complete functionality

[Make suitable assumption if necessary] */

```
import java.util.Scanner;
class Complex{
private int real,imag;
Complex(){}
Complex(int real,int imag){
this.real=real;
this.imag=imag;
}
```

```
void changeComplexNo(int real,int imag){
this.real=real;
this.imag=imag;
}
void changeComplexNo(int real){
this.real=real;
}
Complex addComplexNo(Complex x){
Complex temp=new Complex();
temp.real=this.real+x.real;
temp.imag=imag+x.imag;
return (temp);
}
void printComplexNo(){
String ch="";
if(imag>=0)
ch="+";
System.out.println(real+ch+imag+"i");
}
```

}//Close of class Complex

```
class OComplex{
public static void main(String args[]){
Scanner s=new Scanner(System.in);
System.out.println();
System.out.print("Enter real and imaginary value for First Complex No. ::");
```

```
int real=s.nextInt();
//System.out.println(real);
int imag=s.nextInt();
//System.out.println(imag);
Complex c1=new Complex(real,imag);
c1.printComplexNo();
System.out.print("Enter real and imaginary value for Second Complex No. ::");
real=s.nextInt();
//System.out.println(real);
imag=s.nextInt();
//System.out.println(imag);
Complex c2=new Complex();
c2.changeComplexNo(real,imag);
c2.printComplexNo();
System.out.print("Enter new real value for Second Complex No. ::");
real=s.nextInt();
//System.out.println(real);
c2.changeComplexNo(real);
c2.printComplexNo();
Complex add=c1.addComplexNo(c2);
System.out.println("Adding First and Second Complex No.------");
c1.printComplexNo();
c2.printComplexNo();
System.out.println("-----------------------------------");
add.printComplexNo();
```

}**//Close of main**

}**//Close of class OComplex**

//OUTPUT

Enter real and imaginary value for First Complex No. ::5

-2

5-2i

Enter real and imaginary value for Second Complex No. ::8

4

8+4i

Enter new real value for Second Complex No. ::6

6+4i

Adding First and Second Complex No.------

5-2i

6+4i

11+2i

/*4.Create a Time class having following members to support input and output of the given time:-

#.define instance variables:-hour(int), min(int), and sec(int) to store time.

#.define constructors to support automatic initialisation of time.

#.define void changeTime(int,int,int) to change existing time.

#.define void changeTime(int,int) to assign/update time.

#.define Time addTime(Time) to add two time object.

#.define void printTime() to display/print time in format:-

[hh:mm:ss]

Display the complete functionality

[Make suitable assumption if necessary] */

```
import java.util.Scanner;
class Time{
private int hour,minute,second;
Time(){}
Time(int hour,int minute,int second){
this.hour=hour;
this.minute=minute;
this.second=second;
}
Time(int hour,int minute){
this.hour=hour;
this.minute=minute;
}
void changeTime(int hour,int minute,int second){
this.hour=hour;
this.minute=minute;
this.second=second;
}
```

```
void changeTime(int hour,int minute){
this.hour=hour;
this.minute=minute;
}
Time addTime(Time t){
Time temp=new Time();
temp.hour=this.hour+t.hour;
temp.minute=this.minute+t.minute;
temp.second=this.second+t.second;
return (temp);
}
void printTime(){
String hr,mn,sc;
hr=mn=sc="";
if(second>59){
minute=minute+second/60;
second=second%60;
}
if(minute>59){
hour=hour+minute/60;
minute=minute%60;
}
if(hour>23)
hour=0;
if(hour<10)
```

```
hr="0";
if(minute<10)
mn="0";
if(second<10)
sc="0";
System.out.println(hr+hour+":"+mn+minute+":"+sc+second);
}
```

}//Close of class Time

```
class OTime{
public static void  main(String args[]){
Scanner s=new Scanner(System.in);
System.out.println();
System.out.print("Enter First time in hour,min and sec respectively ::");
int hour=s.nextInt();
//System.out.println(hour);
int minute=s.nextInt();
//System.out.println(minute);
int second=s.nextInt();
//System.out.println(second);
Time t1=new Time(hour,minute,second);
t1.printTime();
System.out.print("Enter Second time in hour,min and sec respectively ::");
hour=s.nextInt();
//System.out.println(hour);
minute=s.nextInt();
```

```
//System.out.println(minute);
second=s.nextInt();
//System.out.println(second);
Time t2=new Time(hour,minute,second);
t2.printTime();
System.out.print("Enter New Second time in hour,min respectively ::");
hour=s.nextInt();
//System.out.println(hour);
minute=s.nextInt();
//System.out.println(minute);
t2.changeTime(hour,minute);
t2.printTime();
Time add=t1.addTime(t2);
System.out.println("Adding Time in hh:mm:ss format----");
t1.printTime();
t2.printTime();
System.out.println("-----------------------------------");
add.printTime();
}//Close of main
}//Close of class
```

//OUTPUT

```
Enter First time in hour,min and sec respectively ::5
32
50
```

05:32:50

Enter Second time in hour,min and sec respectively ::8

45

30

08:45:30

Enter New Second time in hour,min respectively ::9

49

09:49:30

Adding Time in hh:mm:ss format----

05:32:50

09:49:30

15:22:20

/*5.Create a Distance class that consists following members to store and print length of the object.

#.define instance variables feet(int) and inch(int).

#.define constructors for automatic initialisation:-

***Distance();**

***Distance(int,int);**

#.define void changeLength(int,int) to change/update the existing length.

#.define void changeLength(int).

#.define Distance addDistance(Distance) to add two distance object.

#.define void printDistance() to print length of the object in format:-

[feet'inch"]

Display the complete functionality

[Make suitable assumption if necessary] */

```
import java.util.Scanner;
class Distance{
private int feet, inch;
Distance(){}
Distance(int feet,int inch){
this.feet=feet;
this.inch=inch;
}
void changeLength(int feet,int inch){
this.feet=feet;
this.inch=inch;
}
void changeLength(int inch){
this.inch=inch;
}
Distance addDistance(Distance x){
Distance temp=new Distance();
```

```
temp.feet=this.feet+x.feet;
temp.inch=inch+x.inch;
return(temp);
}
void printDistance(){
if(inch>=12){
feet=feet+inch/12;
inch=inch%12;}
System.out.println("Measured Lenfth="+feet+"'"+inch+"\"");
}
```

}//Close of class Distance

```
class ODistance{
public static void main(String args[]){
Scanner s=new Scanner(System.in);
System.out.println();
System.out.print("Enter measured lenfth(i.e.feet and inch) of first Object ::");
int feet=s.nextInt();
//System.out.println(feet);
int inch=s.nextInt();
//System.out.println(inch);
Distance D1=new Distance(feet,inch);
D1.printDistance();
System.out.print("Enter measured lenfth(i.e.feet and inch) of Second Object ::");
feet=s.nextInt();
//System.out.println(feet);
```

```
inch=s.nextInt();
//System.out.println(inch);
Distance D2=new Distance();
D2.changeLength(feet,inch);
D2.printDistance();
System.out.print("Enter new measured lenfth(i.e.inch) of Second Object ::");
inch=s.nextInt();
//System.out.println(inch);
D2.changeLength(inch);
D2.printDistance();
Distance add=D1.addDistance(D2);
System.out.println("Adding First and Second Distance Object------");
D1.printDistance();
D2.printDistance();
System.out.println("-------------------------------------");
add.printDistance();
}//Close of main
}//Close of class ODistance
```

//OUTPUT

```
Enter measured lenfth(i.e.feet and inch) of first Object ::3
10
Measured Lenfth=3'10"
Enter measured lenfth(i.e.feet and inch) of Second Object ::2
11
```

Measured Lenfth=2'11"

Enter new measured lenfth(i.e.inch) of Second Object ::15

Measured Lenfth=3'3"

Adding First and Second Distance Object------

Measured Lenfth=3'10"

Measured Lenfth=3'3"

Measured Lenfth=7'1"

/* 6.Create a Student class that consists following members to support Student Result automation by applying the following condition:-

#.define instance variables enrolNo(string), sname(string), eprog(string) and marks obtained in vb(double), cpp(double) and java(double) of the Student.

#.define constructors to support automatic initialisation.

#.define void input(string,string,string,double,double,double) method to accept student informations and obtained marks in semester exam.

#.define methods to compute/calculate the Student result as per the given condition below:-

***Each paper(i.e.; language) is of maximum marks "150"**

***Pass mark is 30% of the maximum marks**

***Calculate remarks according to the condition below:-**

if a student passed in all subject(i.e.; languages) and

80%>=aggregate <=100%--------Excellent

60%>=aggregate <=79% --------Very Good

40%>=aggregate <=59% --------Good

30%>=aggregate <=39% --------Pass

otherwise --------FAIL

#.define printResult() method to print Student VI semester result.

Display the complete functionality

[Make suitable assumption if necessary] */

```
import java.util.*;
class Student{
private String enrolNo,sname,eprog,sem="VI";
private double vb,cpp,java,max=150;
Student(){}
Student(String enrolNo,String sname,String eprog,double vb,double cpp,double java){
this.enrolNo=enrolNo;
this.sname=sname;
this.eprog=eprog;
this.vb=vb;
this.cpp=cpp;
this.java=java;
}
```

```
void input(String enrolNo,String sname,String eprog,double vb,double cpp,double
java){
this.enrolNo=enrolNo;
this.sname=sname;
this.eprog=eprog;
this.vb=vb;
this.cpp=cpp;
this.java=java;
}
double getTotal(){
return(vb+cpp+java);
}
double aggregate(){
return(getTotal()*100/(max*3));
}
String remarks(){
String rem="FAIL";
double agg=aggregate();
double pass=max*30/100;
if (vb>=pass && cpp>=pass && java>=pass)
  if(agg>=40)
   if(agg<=59)
    rem="GOOD";
   else if(agg<=79)
    rem=" VERY GOOD";
```

```
   else
   rem="EXCELLENT";
else
 rem="PASS";
return(rem);
}
void printResult(){
System.out.println("= = = Student Result = = = Dated :"+new Date());
System.out.println("Enrolment No.                    :"+enrolNo);
System.out.println("Student Name                     :"+sname);
System.out.println("Enrolled-in-Programme            :"+eprog);
System.out.println("Semester                         :"+sem);
System.out.println("Marks obtained in Visual Basic       :"+vb);
System.out.println("Marks obtained in C++            :"+cpp);
System.out.println("Marks obtained in Java           :"+java);
System.out.println("-----------------------------------------------------------");
System.out.println("Total Marks obtained                 :"+getTotal());
System.out.println("Aggregate                        :"+aggregate()+"%");
System.out.println("-----------------------------------------------------------");
System.out.println("Remarks                          :"+remarks());
System.out.println("===========================================");
}
```

}//Close of class Student

```
class OStudent{
public static void main(String args[]){
```

```
Scanner s=new Scanner(System.in);
System.out.println();
System.out.println("Begin Inserting Student Information.....");
System.out.print("Enter Student Enrolment No.          :");
String enrolNo=s.nextLine().toUpperCase();
//System.out.println(enrolNo);
System.out.print("Enter Student Name                  :");
String sname=s.nextLine().toUpperCase();
//System.out.println(sname);
System.out.print("Enter Enrolled-in-Programme         :");
String eprog=s.nextLine().toUpperCase();
//System.out.println(eprog);
System.out.print("Enter Marks obtained in Visual Basic  :");
double vb=s.nextDouble();
//System.out.println(vb);
System.out.print("Enter Marks obtained in C++          :");
double cpp=s.nextDouble();
//System.out.println(cpp);
System.out.print("Enter Marks obtained in Java         :");
double java=s.nextDouble();
//System.out.println(java);
Student X=new Student(enrolNo,sname,eprog,vb,cpp,java);
X.printResult();
System.out.println("Begin Inserting Student Information.....");
System.out.print("Enter Student Enrolment No.          :");
```

```
s.nextLine();
enrolNo=s.nextLine().toUpperCase();
//System.out.println(enrolNo);
System.out.print("Enter Student Name                    :");
sname=s.nextLine().toUpperCase();
//System.out.println(sname);
System.out.print("Enter Enrolled-in-Programme          :");
eprog=s.nextLine().toUpperCase();
//System.out.println(eprog);
System.out.print("Enter Marks obtained in Visual Basic  :");
vb=s.nextDouble();
//System.out.println(vb);
System.out.print("Enter Marks obtained in C++           :");
cpp=s.nextDouble();
//System.out.println(cpp);
System.out.print("Enter Marks obtained in Java          :");
java=s.nextDouble();
//System.out.println(java);
Student Y=new Student();
Y.input(enrolNo,sname,eprog,vb,cpp,java);
Y.printResult();
}//Close of main
}//Close of class OStudent
```

//OUTPUT

Begin Inserting Student Information.....

Enter Student Enrolment No. :S001

Enter Student Name :RAJNISH RANJAN

Enter Enrolled-in-Programme :BCA

Enter Marks obtained in Visual Basic :111.0

Enter Marks obtained in C++ :122.0

Enter Marks obtained in Java :133.0

= = = Student Result = = = Dated :Mon Jan 11 17:43:14 IST 2016

Enrolment No. :S001

Student Name :RAJNISH RANJAN

Enrolled-in-Programme :BCA

Semester :VI

Marks obtained in Visual Basic :111.0

Marks obtained in C++ :122.0

Marks obtained in Java :133.0

Total Marks obtained :366.0

Aggregate :81.33333333333333%

Remarks :EXCELLENT

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Begin Inserting Student Information.....

Enter Student Enrolment No. :S002

Enter Student Name :ADITYA KUMAR

Enter Enrolled-in-Programme :BCA

Enter Marks obtained in Visual Basic :100.0

Enter Marks obtained in C++ :111.0

Enter Marks obtained in Java :105.0

= = = Student Result = = = Dated :Mon Jan 11 17:44:36 IST 2016

Enrolment No. :S002

Student Name :ADITYA KUMAR

Enrolled-in-Programme :BCA

Semester :VI

Marks obtained in Visual Basic :100.0

Marks obtained in C++ :111.0

Marks obtained in Java :105.0

Total Marks obtained :316.0

Aggregate :70.22222222222223%

Remarks : VERY GOOD

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