Ishita Singh

Q1) c

Q2) b

Q3) d

Q4) a c d

Q5) d

Q6) c)

Q7) a

Q8) d

Q9) a c

Q10) d

B

Q1)

#include <iostream>

using namespace std;

class Student

{

int roll\_no;

string name;

public:

Student(string strname, int rno)

{

name = strname;

roll\_no = rno;

}

string inputname()

{

return name;

}

int inputrollno()

{

return roll\_no;

}

};

int main()

{

Student stu("John", 2);

cout<<"name:"<<stu.inputname()<<endl;

cout<<"roll no:"<<stu.inputrollno()<<endl;

return 0;

}

Q2) #include <iostream>

using namespace std;

class Student

{

int roll\_no;

string name,address;

long phno;

public:

Student(string strname)

{

name = strname;

roll\_no = 0;

address="";

phno=00;

}

int inputrollno(int rno)

{

roll\_no=rno;

}

long inputphno(int pno)

{

phno=pno;

}

string inputaddress(string add)

{

address=add;

}

int printrollno()

{

return roll\_no;

}

long printphno()

{

return phno;

}

string printaddress()

{

return address;

}

};

int main()

{

Student stu1("john");

Student stu2("sam");

stu1.inputaddress("abc123");

stu1.inputphno(1234);

stu1.inputrollno(1);

stu2.inputaddress("abcd1234");

stu2.inputphno(123456);

stu2.inputrollno(123);

cout<<"for john";

cout<<"address:"<<stu1.printaddress()<<endl;

cout<<"phno:"<<stu1.printphno()<<endl;

cout<<"roll no:"<<stu1.printrollno()<<endl;

cout<<"for sam";

cout<<"address:"<<stu2.printaddress()<<endl;

cout<<"phno:"<<stu2.printphno()<<endl;

cout<<"roll no:"<<stu2.printrollno()<<endl;

return 0;

}

My output is not coming. Please tell me my error

Q3) #include<iostream>

#include<math.h>

using namespace std;

class Triangle

{

public:

void area(int a,int b,int c);

void perimeter(int a,int b,int c);

};

void Triangle::area(int a,int b,int c)

{

float s=((a+b+c)/2.0),A=sqrt(s\*(s-a)\*(s-b)\*(s-c));

cout<<"Area of a triangle is: "<<A<<" sq. units\n";

}

void Triangle::perimeter(int a,int b,int c)

{

cout<<"Perimeter of a triangle is: "<<a+b+c<<" units\n";

}

int main()

{

Triangle tr;

int side1=3,side2=4,side3=5;

tr.area(side1,side2,side3);

tr.perimeter(side1,side2,side3);

return 0;

}

Q5) #include <iostream>

using namespace std;

class Volume

{

int length, breadth, height;

public:

Volume() : length(5), breadth(10), height(15)

{

}

int printvol()

{

return length \* breadth \* height;

}

};

int main()

{

Volume v;

cout << v.printvol() << endl;

return 0;

}

Q6) #include <iostream>

using namespace std;

class area

{

int length;

int breadth;

public:

area(int l,int b)

{

length=l;

breadth=b;

}

int returnarea()

{

return length\*breadth;

}

};

int main()

{

int l,b;

cin>>l>>b;

area a(l,b);

cout<<"area"<<a.returnarea()<<endl;

return 0;

}

Q7) #include <iostream>

#include <cmath>

using namespace std;

class Employee

{

string name;

int year;

double salary;

string address;

public:

Employee(string ename, int eyear, double esal, string eadd)

{

name = ename;

year = eyear;

salary = esal;

address = eadd;

}

string inputname()

{

return name;

}

int inputyear()

{

return year;

}

double inputsalary()

{

return salary;

}

string inputaddress()

{

return address;

}

};

int main()

{

Employee emp1("ishita", 2000, 1200000, "rjpm");

Employee emp2("isha", 1999, 1000000, "alambagh");

Employee emp3("ishi", 1998, 800000, "hzgj");

cout<<"Name \tYear of Joining\t Salary\t Address"<<endl;

cout<<emp1.inputname()<<" \t"<<emp1.inputyear()<<" \t"<<emp1.inputsalary()<<" \t"<<emp1.inputaddress()<<endl;

cout<<emp2.inputname()<<" \t"<<emp2.inputyear()<<" \t"<<emp2.inputsalary()<<" \t"<<emp2.inputaddress()<<endl;

cout<<emp3.inputname()<<" \t"<<emp3.inputyear()<<" \t"<<emp3.inputsalary()<<" \t"<<emp3.inputaddress()<<endl;

return 0;

}

Error- when I am printing salary it is not printing the correct value for 1200000 and 1000000. Its showing 1.2e and 1e