

Computer Science C++ Review Worksheet 2 (Class 12)

1. Find errors in the following, rewrite the corrected form with each correction underlined:

		Corrected Code (if so required)
(a)	<pre>#include <iostream.h> void main() { float data1=12.5; int data2=5; switch(data1+data2) { case 5 and 7:cout<<"Less than 10"; break(); case 12:cout<<"More than 10"; break(); case 10:cout<<"Exactly 10"; break(); default:cout<<"I dont know"<<endl; } }</pre>	
(b)	<pre>#include <iostream.h> Void Main() { int Opt1=9, Opt2=90; char S[2,2]; if Opt1<=9 cout<<Opt1; for (int I=0;I<2;int I++) { cout<<I; for (int J=0;int J<2;J++) { if (Y==0) S[I,J]='*'; else S[I,J]='#'; cout<<S[I][J]<<endl; } } cout<<J; }</pre>	
(c)	<pre>#include <iostream.h> const int max; void main() { int p,count; cout<<'Enter Count:';cin>>count; cout<<'Enter p:';cin>>p; if (p<0) cout<<"Negative Number "; cin>>p; else cout<<"P is OK"; if p==5 count*p=p; max+=5; cout<<"5 more than max="<<max<<endl; cout<<"Count="<<count<<endl; cout<<"p ="<<p<<endl; }</pre>	

2. Find the output of the following programs (assuming desired header file is/are included):

	Program	Output
(a)	<pre> int Good(int &P1,int P2) { int T=P2+P1; P1*=2; P2+=P1; cout<<T++<<' '<<P1<<' '<<P2<<endl; return T; } void Better(int Q1,int &Q2) { int T=10; Q2=Good(Q1,T); cout<<T<<' #'<<Q1<<' #'<<Q2<<endl; } void Best(int R1,int R2) { R1+=R2; R2*=5; Better(R1,R2); cout<<++R1<<' *'<<R2++<<endl; } void main() { int N1=6,N2=8; Best(N1,N2); cout<<N1<<' \$'<<N2<<endl; } </pre>	
(b)	<pre> void main() { int A[]={10,0,32,15,44},Sum=0; for (int C=0;C<5;C++) { if (A[C]%3) A[C]+=3; else if (!A[C]%4) A[C]-=4; else A[C]=5; } for (C=0;C<5;C++) { Sum+=A[C]; cout<<C<<" : "<<A[C]<<" - "<<Sum<<endl; } } </pre>	
(c)	<pre> int G=15; void main() { int G=10; for (int I=0;I<2;I++) { cout<<"Inner:"<<int G=7; cout<<G*I<<" Outer:"<<::G++<<endl; } cout<<"Middle:"<<G<<' #'<<::G<<endl; G+=::G; cout<<G<<' +'<<++::G<<endl; } </pre>	