

C++ question1.cpp > main()

```
1 //Print all the odd numbers from 1 to 100.
2 #include<iostream>
3 using namespace std;
4 int main(){
5     for(int i=0;i<=100;i++){
6         if(i%2 != 0){
7             cout<<i<<" ";
8         }
9     }
10 }
```

PS C:\Users\SANDEEP\Desktop\coding\c++\class assignment\loops1> cd "c:\Users\SANDEEP\Desktop\coding\c++\class assignment\loops1" ; if (\$?) { g++ question1.cpp -o question1 } ; if (\$?) { .\question1 }

1 3 5 7 9 11 13 15 17 19 21
23 25 27 29 31 33 35 37 39
41 43 45 47 49 51 53 55 57
59 61 63 65 67 69 71 73 75
77 79 81 83 85 87 89 91 93
95 97 99

PS C:\Users\SANDEEP\Desktop\coding\c++\class assignment\loops1>

C++ question2.cpp > main()

```
1 //Print all numbers from 1 to 100 that are divisible by 3
2 #include<iostream>
3 using namespace std;
4 int main(){
5     for(int i=1;i<=100;i++){
6         if(i%3== 0){
7             cout<<i<<" ";
8         }
9     }
10 }
```

```
PS C:\Users\SANDEEP\Desktop\coding\c++\class assignment\loops1> cd "c:\Users\SANDEEP\Desktop\coding\c++\class assignment\loops1\" ; if ($?) { g++ question2.cpp -o question2 } ; if ($?) { .\question2 }
3 6 9 12 15 18 21 24 27 30
33 36 39 42 45 48 51 54 57
60 63 66 69 72 75 78 81 84
87 90 93 96 99
PS C:\Users\SANDEEP\Desktop\coding\c++\class assignment\loops1>
```

question3.cpp > main()

```
1 //Print the table of 'n'. Here 'n' is an integer which the user will input.
2 #include<iostream>
3 using namespace std;
4 int main(){
5     int n;
6     cout<<"enter the number whose table you want to see : ";
7     cin>>n;
8     for(int i=1;i<=10;i++){
9         cout<<n*i<<endl;
10    }
11 }
```

```
PS C:\Users\SANDEEP\Desktop\coding\c++\class assignment\loops1> cd "c:\Users\SANDEEP\Desktop\coding\c++\class assignment\loops1\" ; if ($?) { g++ question3.cpp -o question3 } ; if ($?) { .\question3 }
```

enter the number whose table you want to see : 4

4

8

12

16

20

24

28

32

36

40

```
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```

question4.cpp > ...

```
1 //Display this AP - 4,7,10,13,16.. upto 'n' terms.
2 #include<iostream>
3 using namespace std;
4 int main(){
5     int n;
6     cout<<"enter the number of terms : ";
7     cin>>n;
8     int Tn = 4+(n-1)*3;
9     for(int i=1;i<Tn;i+=0){
10         i+=3;
11         cout<<i<<endl;
12     }
13 }
```

```
PS C:\Users\SANDEEP\Desktop\coding\c++\class assignment\loops1> cd "c:\Users\SANDEEP\Desktop\coding\c++\class assignment\loops1\" ; if ($?) { g++ question4.cpp -o question4 } ; if ($?) { .\question4 }
enter the number of terms :
10
4
7
10
13
16
19
22
25
28
31
PS C:\Users\SANDEEP\Desktop\coding\c++\class assignment\loops1> 
```

C++ question5.cpp > main()

```
1 //Display this GP - 3,12,48,.. upto 'n' terms.
2 #include<iostream>
3 using namespace std;
4 int main(){
5     int n;
6     cout<<"enter the number of terms : ";
7     cin>>n;
8     int intial=3;
9     for(int i=0;i<n;i++){
10         cout<<intial;
11         intial*=4;
12         cout<<endl;
13     }
14 }
```

```
PS C:\Users\SANDEEP\Desktop\coding\c++\class assignment\loops1> cd "c:\Users\SANDEEP\Desktop\coding\c++\class assignment\loops1\" ; if ($?) { g++ question5.cpp -o question5 } ; if ($?) { .\question5 }
```

```
enter the number of terms :
10
3
12
48
192
768
3072
12288
49152
196608
786432
```

```
PS C:\Users\SANDEEP\Desktop\coding\c++\class assignment\loops1> █
```

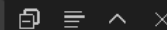
question6.cpp > main()

```
1 //Write a program to print all the ASCII values and their equivalent characters of 26 alphabets using a while loop
2 #include<iostream>
3 using namespace std;
4 int main(){
5     int value=0;
6     char ch ='a';
7     while(value<26){
8         cout<<ch<<" "<<value+97<<endl;
9         value++;
10        (int)ch++;
11    }
12 }
```

PROBLEMS OUTPUT DEBUG CONSOLE PORTS

No problems have been detected in the workspace.

Filter (e.g. text, **/*.ts, !*...)



```
PS C:\Users\SANDEEP\Desktop\coding\c++\class assignment\loops1> cd "c:\Users\SANDEEP\Desktop\coding\c++\class assignment\loops1\" ; if ($?) { g++ question6.cpp -o question6 } ; if ($?) { .\question6 }
```

```
a 97
b 98
c 99
d 100
e 101
f 102
g 103
h 104
i 105
j 106
k 107
l 108
m 109
n 110
o 111
p 112
q 113
r 114
s 115
t 116
u 117
v 118
w 119
x 120
y 121
z 122
```

```
PS C:\Users\SANDEEP\Desktop\coding\c++\class assignment\loops1>
```