



C++ Assignments | Loops 1 | Week 2



2



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1. Print all the odd numbers from 1 to 100.



2. Print all numbers from 1 to 100 that are divisible by 3



1



3. Print the table of 'n'. Here 'n' is an integer which the user will input.



4. Display this AP - 4,7,10,13,16.. upto 'n' terms.



5. Display this GP - 3,12,48,.. upto 'n' terms.



1



6. Write a program to print all the ASCII values and their equivalent characters of 26 alphabets using a while loop.



Note:- Please try to invest time doing the assignments which are necessary to build a strong foundation. Do not directly Copy Paste using Google or ChatGPT. Please use your brain 😊.



3



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solution 1:-

```
#include<iostream>using namespace std;

int main(){
    for(int i=1 ; i<=100; i++){
        if (i % 2 != 0)
        {
            cout<<i<<endl;
        }
    }
    return 0;
}
```

solution 5:-

```
#include<iostream>using namespace std;

int main(){
    cout<<"enter the nth number: ";
    int n;
    cin>>n;
    for(int i=3; i<=n; i=i*4 ){
        cout<<i<<endl;
    }
}
```

solution 2:-

```
#include<iostream> using namespace std;

int main(){
    for(int i=1; i<=100; i++){
        if (%3==0)
        {
            cout<<i<<endl;
        }
    }
}
```

solution 3:-

```
using namespace std;int main(){
    cout<<"enter the number: ";
    int n;
    cin>>n;

    for(int i=1; i<=(n*10); i++){
        if (%n==0)
        {
            cout<<i<<endl;
        }
    }
}
```

solution 4:-

```
#include<iostream>using namespace std;

int main(){
    cout<<"enter the nth term: ";
    int n;
    cin>>n;
    for(int i=4; i<=n; i+=3){
        cout<<i<<endl;
    }
}
```

