PW SKILLS ASSIGNMENT LOOPS 1

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

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

int main() {
        for (int i = 1; i <= 100; i += 2) {
                cout << i << " ";
        }
}
```

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

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

int main() {
        for (int i = 3; i <= 100; i += 3) {
                cout << i << " ";
        }
}
```

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

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

int main() {
        int n;
        cin >> n;
        for (int i = 1; i <= 10; i++) {
                cout << n*i << " ";
        }
}
```

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

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

```
int main() {
        int n;
        cin >> n;
        int start = 4, d = 3;
        while (n--) {
                cout << start << " ";
                start += 3;
        }
}
```

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

```
#include<iostream>

using namespace std;

int main()

{

 int n;

 cout<<"Enter n : ";

 cin>>n; int a = 3;

 for(int i=1; i<=n;i++)

{

cout<<a<<endl;

a*=4;

 }

return 0;

}
```