Assignment 2

1

```
#include <iostream>
using namespace std;
int main()
{
for(int i=1;i<=10;i++){
      cout << i << " ";
   }
   return 0;
}
```

2

```
#include <iostream>
using namespace std;
int main()
{
   for(int i=10;i>=1;i--){
      cout << i << " ";
   }
   return 0;
}
```

3

```
#include <iostream>
using namespace std;
int main()
{
int n,sum=0;
   cin >> n;
   for(int i=1;i<=n;i++){
```

```
        sum=sum+i;
    }
    cout << sum << endl;
    return 0;
}
```

4

```
#include <iostream>
using namespace std;
int main()
{
float n,sum,avg;
    for(int i=1;i<=10;i++){
        cin >> n;
        sum=sum+n;
    }
    avg=sum/10;
    cout << avg << endl;
    return 0;
}
```

5

```
#include <iostream>
using namespace std;
int main()
{
int n,mul;
    cin >> n;
    for(int i=1;i<=12;i++){
        mul=i*n;
        cout<<i<<"*"<<n<<"="<<mul<<endl;
```

```
    }
    return 0;
}
```

6

```
#include <iostream>
using namespace std;
int main()
{
char i;
    for (i = 'a'; i <= 'z'; i++)
    {
        cout << i <<" ";
    }
    return 0;
}
```

7

```
#include <iostream>
using namespace std;
int main()
{
int n,sum=0;
    cin>>n;
    while(n>0){
        sum=sum+n;
        cin>>n;
    }
    cout << sum << endl;
    return 0;
}
```

8

```
#include <iostream>
using namespace std;
int main()
{
int n,max=0;
   cin>>n;
   while(n>0){
      if(n>max)
         max=n;
      cin>>n;
   }
   cout << max << endl;
   return 0;
}
```

9

```
#include <iostream>
using namespace std;
int main()
{
int n,mul=1;
   cin >> n;
   for(int i=1;i<=n;i++){
         mul=mul*i;
   }
   cout << mul << endl;
   return 0;
}
```

10

```
#include <iostream>
using namespace std;
int main()
{
int base,exp,result=1;
   cout << "base: ";
   cin>>base;
   cout << "exponent: ";
   cin>>exp;
   for(int i=1;i<=exp;i++){
      result=base*result;
   }
   cout <<base<<"^"<<exp<<"="<<result << endl;
   return 0;
}
```