

```

1  #include <iostream>
2
3  using namespace std;
4
5  int main()
6  {
7      int s, n, i;
8      cout << "Prosze podac liczbe naturalna n : ";
9      cin >> n;
10     i = 1;
11     s = 1;
12
13     while (i < n)
14     {
15         i++;
16         s *= i;
17     }
18     cout << "Silnia: " << s << endl;
19 }

```

Listing 1: Obliczanie silni while

```

1  #include <iostream>
2
3  using namespace std;
4
5  int main()
6  {
7      int s, n, i;
8      cout << "Podaj liczbe naturalna, n = ";
9      cin >> n;
10     s = 1;
11
12     for(i = 2; i <= n; i++) s *= i;
13
14     cout << "Silnia n: " << s << endl;
15 }

```

Listing 2: Obliczanie silni for