```cpp
int sum(int n)
{
    if (n == 1) {       // Stopping condition
        return 1;
    }
    else {
        return n + sum(n – 1);
    }
}


void print()
{
    cout << "Hello" << endl;
    print();
}


void print(int n)
{
    if (n > 0) {
        cout << n << endl;
        print(n – 1);
    }
}
```

```cpp
void print(int n)
{
    if (n > 0) {
        print(n – 1);
        cout << n << endl;
    }
}


int fact(int n)
{
    int result;
    if (n == 0) {        // 'Stopping condition'
        result = 1;
    }
    else {
        result = n * fact(n – 1);
    }
    return result;
}
```

```cpp
void f(char ch)
{
      if (('A' <= ch) && (ch <= 'E')) {
            f(ch – 1);
            cout << ch;
      }
      else {
            cout << "_ _ _" << endl;
      }
}


void f(char ch)
{
      if (('A' <= ch) && (ch <= 'E')) {
            cout << ch;
            f(ch – 1);
      }
      else {
            cout << "_ _ _" << endl;
      }
}
```

```
int fib(int n)
{
    int result;
    if ((n == 1) || (n == 2)) {
        result = 1;
    }
    else {
        result = fib(n – 1) + fib(n – 2);
    }
    return result;
}
```