



Lab2: Compiling and writing C++ program

UNT CSCE1030

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Prepare the working space

1. Pull up the **.pdf file for Lab2** from your canvas account;
2. Start **Putty**
(cse01.cse.unt.edu
cse02.cse.unt.edu
cse03.cse.unt.edu
cse04.cse.unt.edu
cse05.cse.unt.edu
cse06.cse.unt.edu)

Pseudocode/flowchart

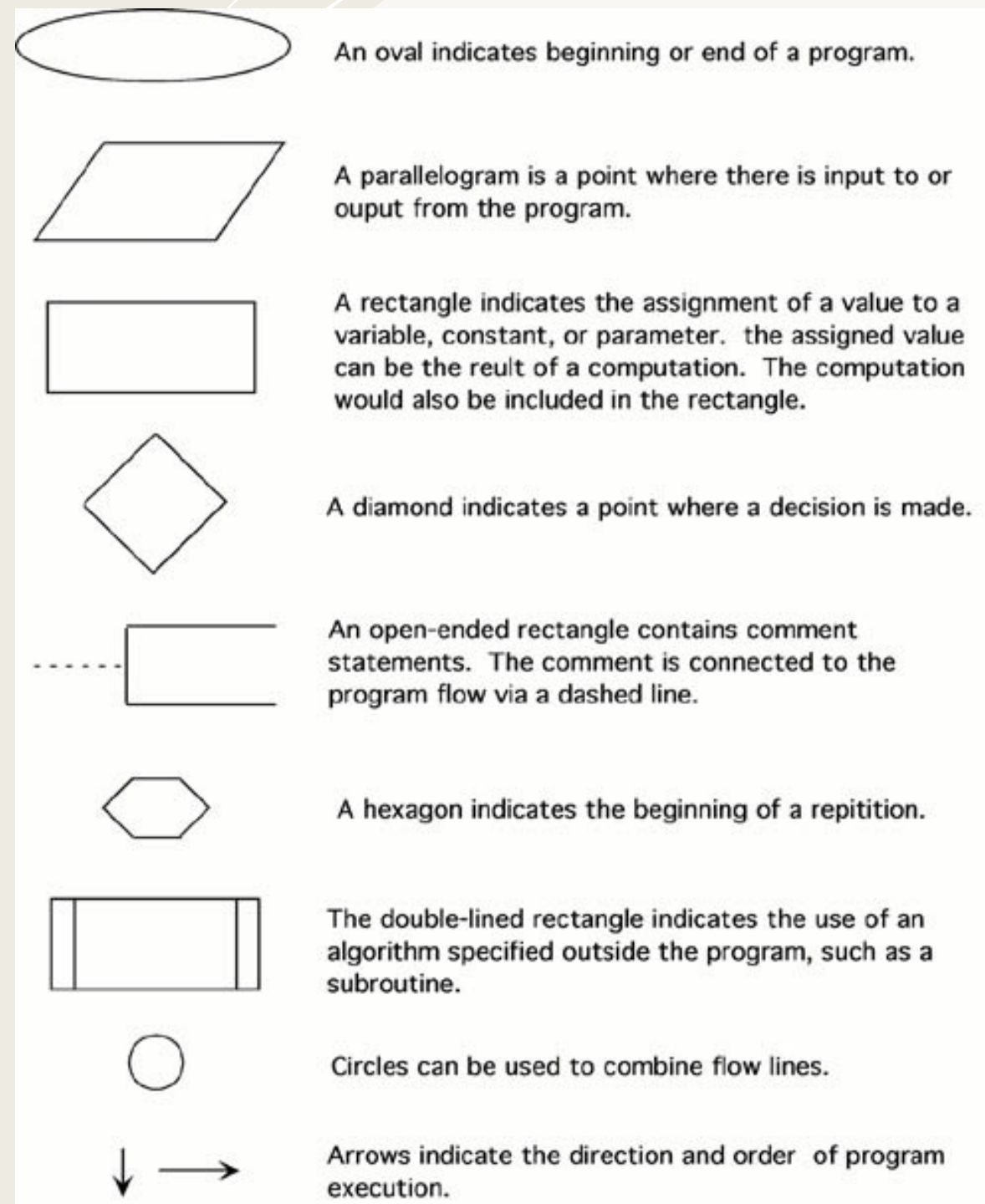
Write down the steps you need to do in your program using plain English:

//Step1. Declare variables

//Step2. Initialize variables

//Step3. Get input from the user

//Step3. Output the result on screen



start



In/out



~~in/out~~



formula

~~In/out~~



end

C++ template (a good starting point)

```
1  /*****
2
3      | | |   This is a beautiful header for my cool program
4
5  *****/
6  #include <iostream>
7
8  using namespace std;
9
10 int main ()
11 {
12
13
14
15     return 0;
16 }
17
```

How to work with precision

```
cout.setf(ios::fixed);  
cout.setf(ios::showpoint);  
cout.precision(2);  
//go for your output
```

Step3: Working on Task 2 (cont'd)

Step1: Compile your program:

g++ Lab2B.cpp

Step 2: Fix the errors if any, then execute the code:

./a.out