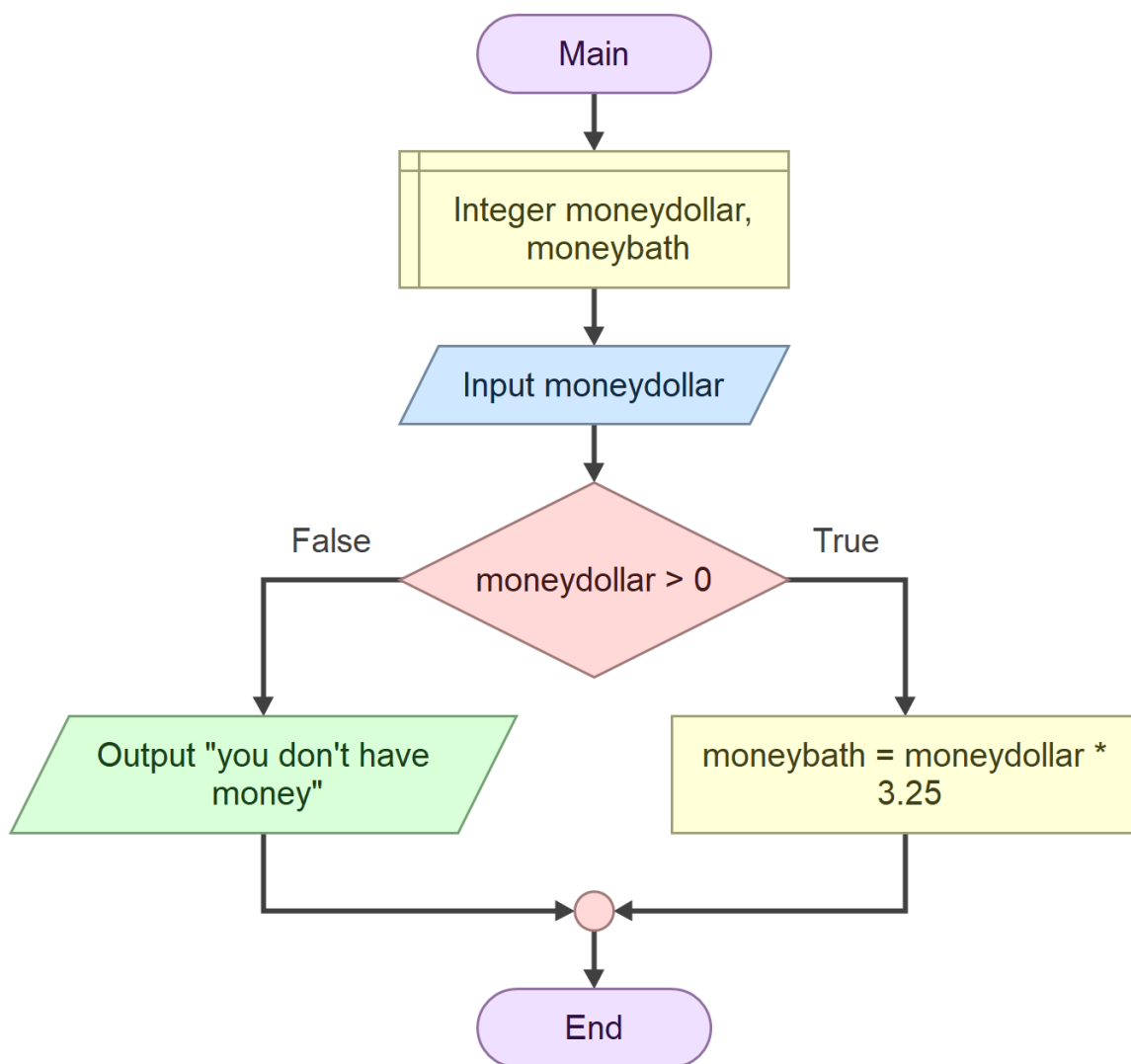


# Pseudo-code

ข้อที่ 1



Function Main

Declare Integer moneydollar, moneybath

Input moneydollar

If moneydollar > 0

Assign moneybath = moneydollar \* 3.25

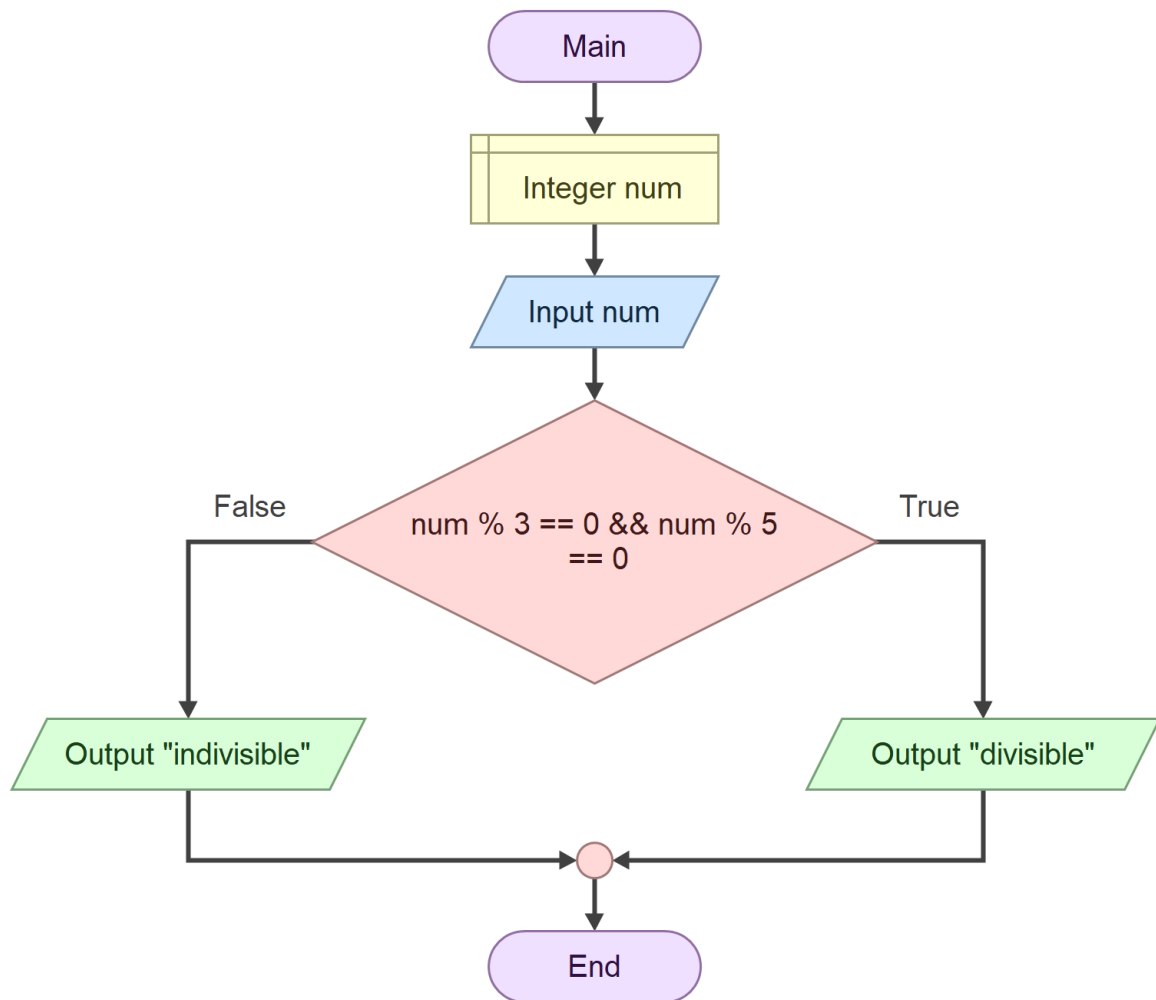
Else

Output "you don't have money"

End

End

ข้อที่ 2



```
#include <iostream>
```

```
#include <sstream>
```

```
#include <string>
```

```
#include <cstdlib>
```

```
#include <cmath>
```

```
using namespace std;
```

```
// Headers
```

```
string toString (double);
```

```
int toInt (string);
```

```
double toDouble (string);
```

```
int main() {
```

```
    int num;
```

```
    cin >> num;
```

```
    if (num % 3 == 0 && num % 5 == 0) {
```

```
        cout << "divisible" << endl;
```

```
    } else {
```

```
        cout << "indivisible" << endl;
```

```
    }
```

```
    return 0;
```

```
}
```

// The following implements type conversion functions.

```
string toString (double value) { //int also
```

```
    stringstream temp;
```

```
    temp << value;
```

```
    return temp.str();
```

```
}
```

```
int toInt (string text) {
```

```
    return atoi(text.c_str());
```

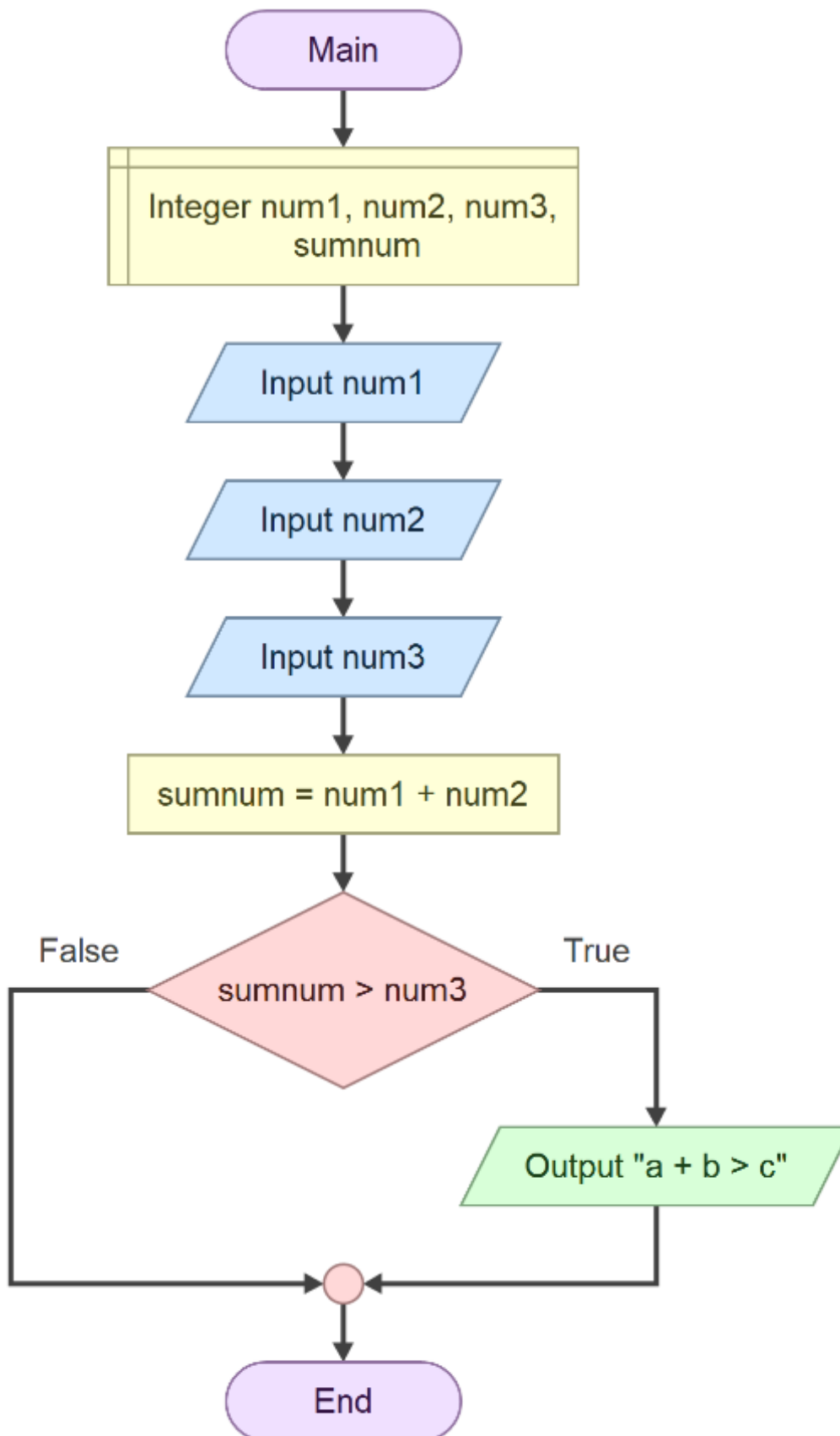
```
}
```

```
double toDouble (string text) {
```

```
    return atof(text.c_str());
```

```
}
```

ข้อที่ 3



```
#include <iostream>

#include <sstream>

#include <string>

#include <cstdlib>

#include <cmath>

using namespace std;

// Headers

string toString (double);

int toInt (string);

double toDouble (string);

int main() {

    int num1, num2, num3, sumnum;

    cin >> num1;

    cin >> num2;

    cin >> num3;

    sumnum = num1 + num2;

    if (sumnum > num3) {

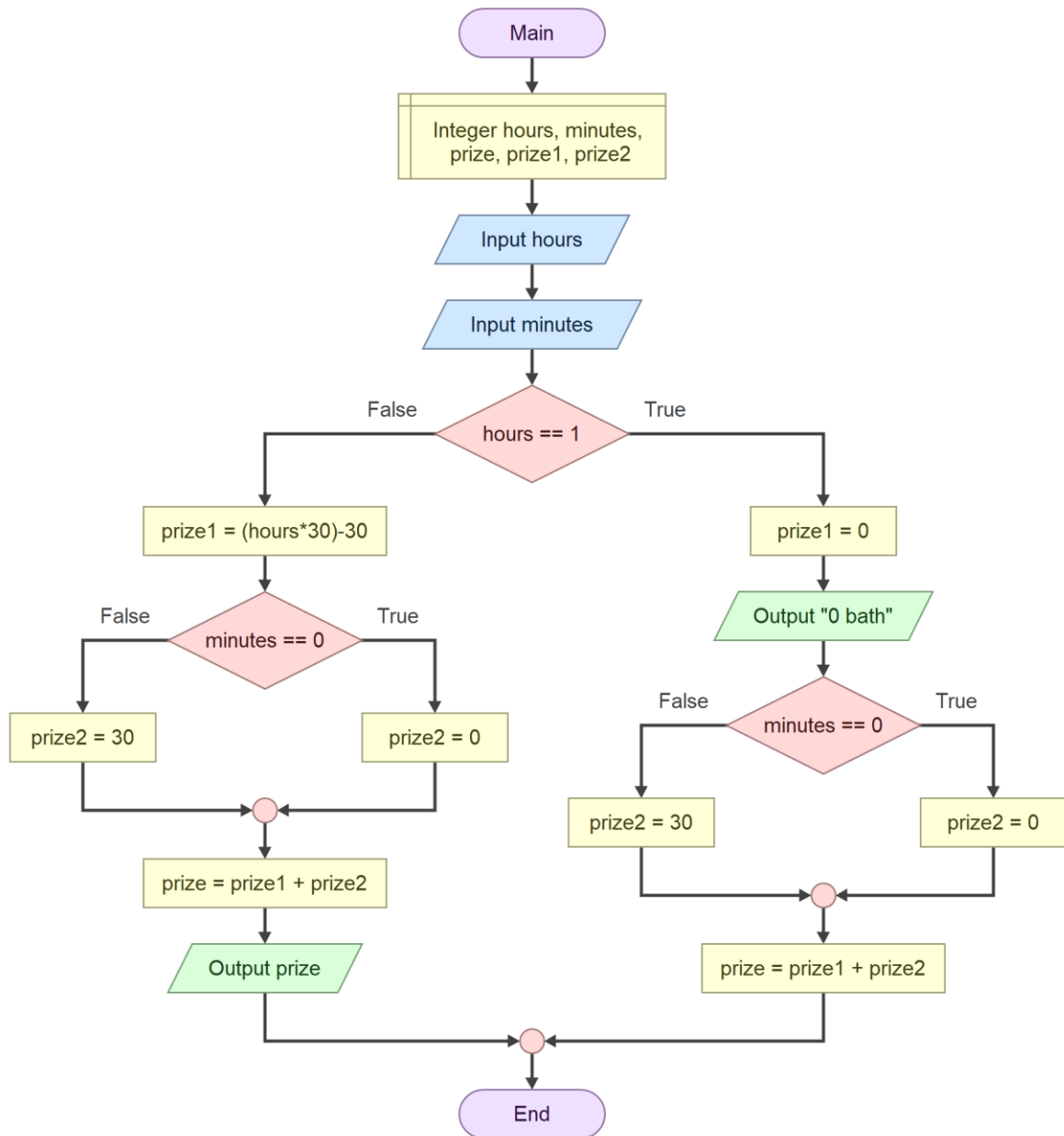
        cout << "a + b > c" << endl;

    }

    return 0;

}
```

ข้อที่ 4





```
#include <iostream>
```

```
#include <sstream>
```

```
#include <string>
```

```
#include <cstdlib>
```

```
#include <cmath>
```

```
using namespace std;
```

```
// Headers
```

```
string toString (double);
```

```
int toInt (string);
```

```
double toDouble (string);
```

```
int main() {
```

```
    int hours, minutes, prize, prize1, prize2;
```

```
    cin >> hours;
```

```
    cin >> minutes;
```

```
    if (hours == 1) {
```

```
        prize1 = 0;
```

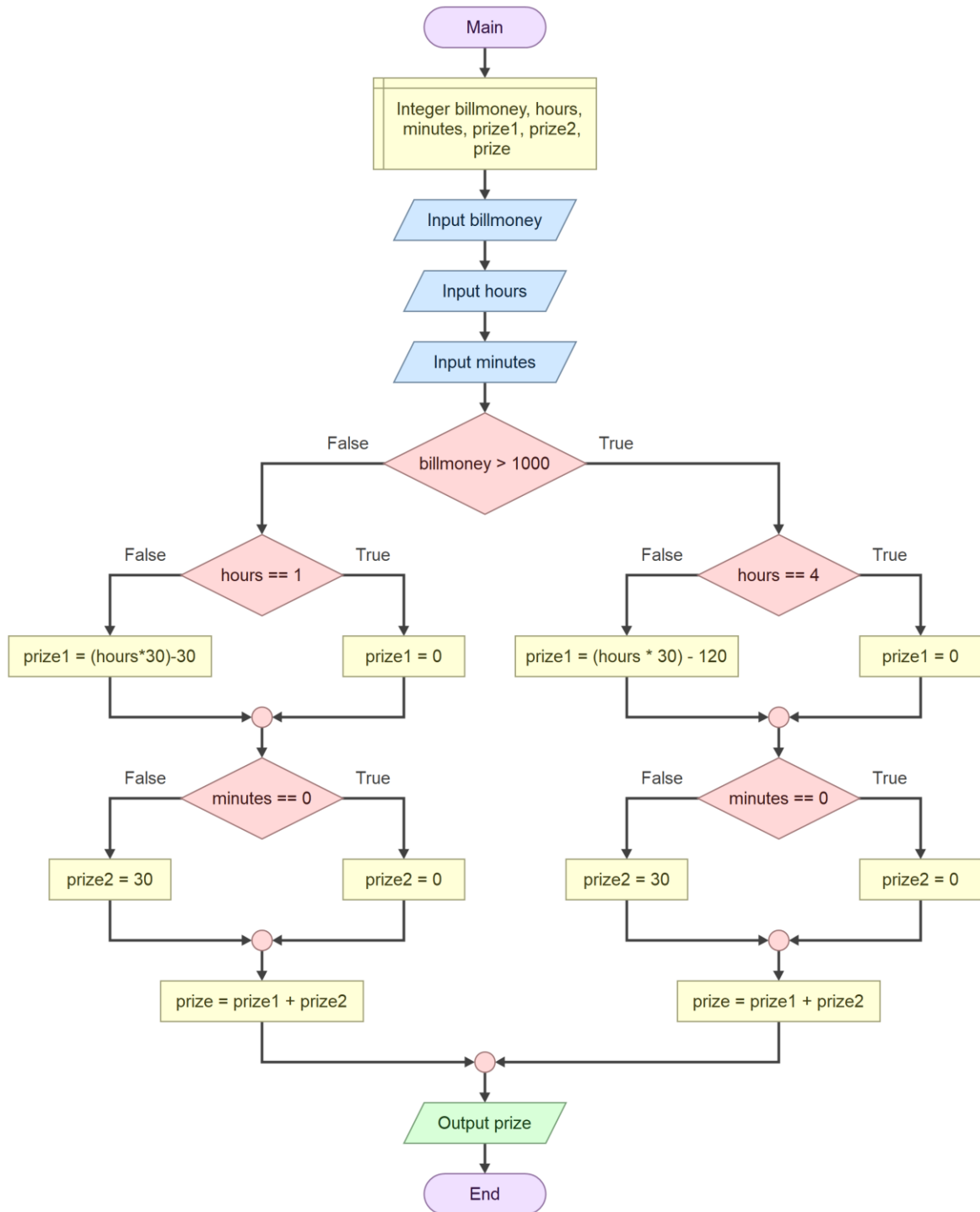
```
        cout << "0 bath" << endl;
```

```
        if (minutes == 0) {
```

```
            prize2 = 0;
```

```
    } else {  
  
        prize2 = 30;  
  
    }  
  
    prize = prize1 + prize2;  
} else {  
  
    prize1 = hours * 30 - 30;  
  
    if (minutes == 0) {  
  
        prize2 = 0;  
  
    } else {  
  
        prize2 = 30;  
  
    }  
  
    prize = prize1 + prize2;  
  
    cout << prize << endl;  
  
}  
  
return 0;  
}
```

ข้อที่ 5



```
#include <iostream>

#include <sstream>

#include <string>

#include <cstdlib>

#include <cmath>

using namespace std;

// Headers

string toString (double);

int toInt (string);

double toDouble (string);

int main() {

    int billmoney, hours, minutes, prize1, prize2, prize;

    cin >> billmoney;

    cin >> hours;

    cin >> minutes;

    if (billmoney > 1000) {

        if (hours == 4) {

            prize1 = 0;

        } else {

            prize1 = hours * 30 - 120;

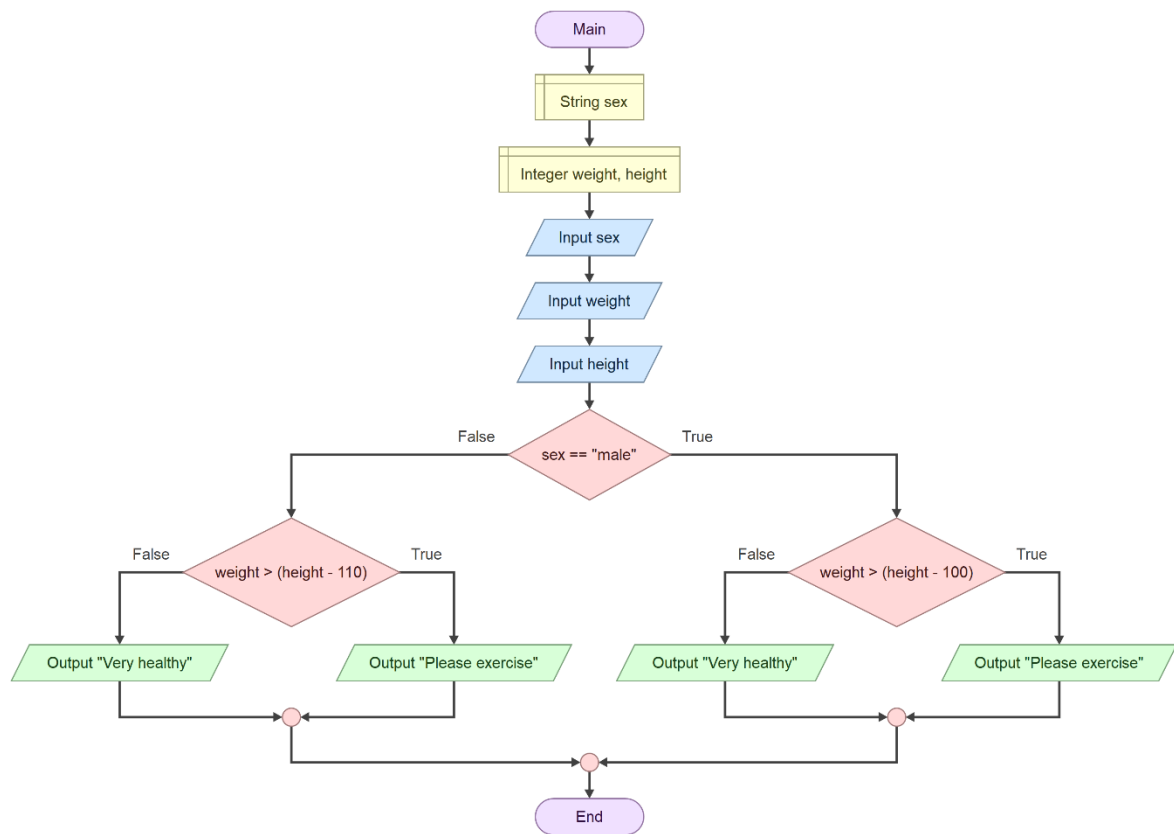
        }

        if (minutes == 0) {

            prize2 = 0;
```

```
    } else {  
  
        prize2 = 30;  
  
    }  
  
    prize = prize1 + prize2;  
} else {  
  
    if (hours == 1) {  
  
        prize1 = 0;  
  
    } else {  
  
        prize1 = hours * 30 - 30;  
  
    }  
  
    if (minutes == 0) {  
  
        prize2 = 0;  
  
    } else {  
  
        prize2 = 30;  
  
    }  
  
    prize = prize1 + prize2;  
  
}  
  
cout << prize << endl;  
  
return 0;  
}
```

ข้อที่ 6



```
#include <iostream>
```

```
#include <sstream>
```

```
#include <string>
```

```
#include <cstdlib>
```

```
#include <cmath>
```

```
using namespace std;
```

```
// Headers
```

```
string toString (double);
```

```
int toInt (string);
```

```
double toDouble (string);
```

```
int main() {
```

```
    string sex;
```

```
    int weight, height;
```

```
    cin >> sex;
```

```
    cin >> weight;
```

```
    cin >> height;
```

```
    if (sex == "male") {
```

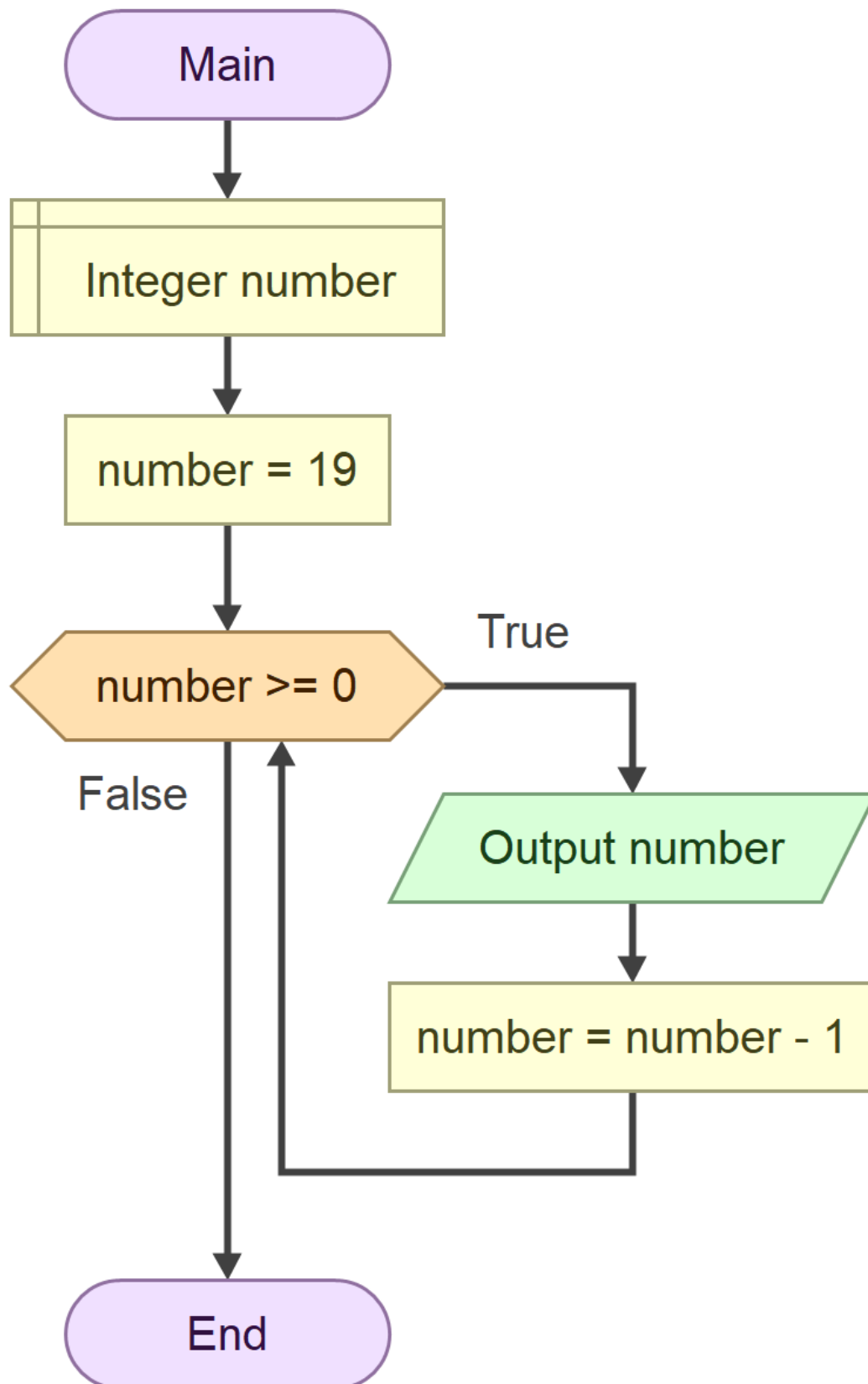
```
        if (weight > height - 100) {
```

```
            cout << "Please exercise" << endl;
```

```
    } else {  
  
        cout << "Very healthy" << endl;  
  
    }  
  
} else {  
  
    if (weight > height - 110) {  
  
        cout << "Please exercise" << endl;  
  
    } else {  
  
        cout << "Very healthy" << endl;  
  
    }  
  
}  
  
return 0;  
  
}
```



ข้อที่ 7



START

INTEGER number

INPUT number = 19

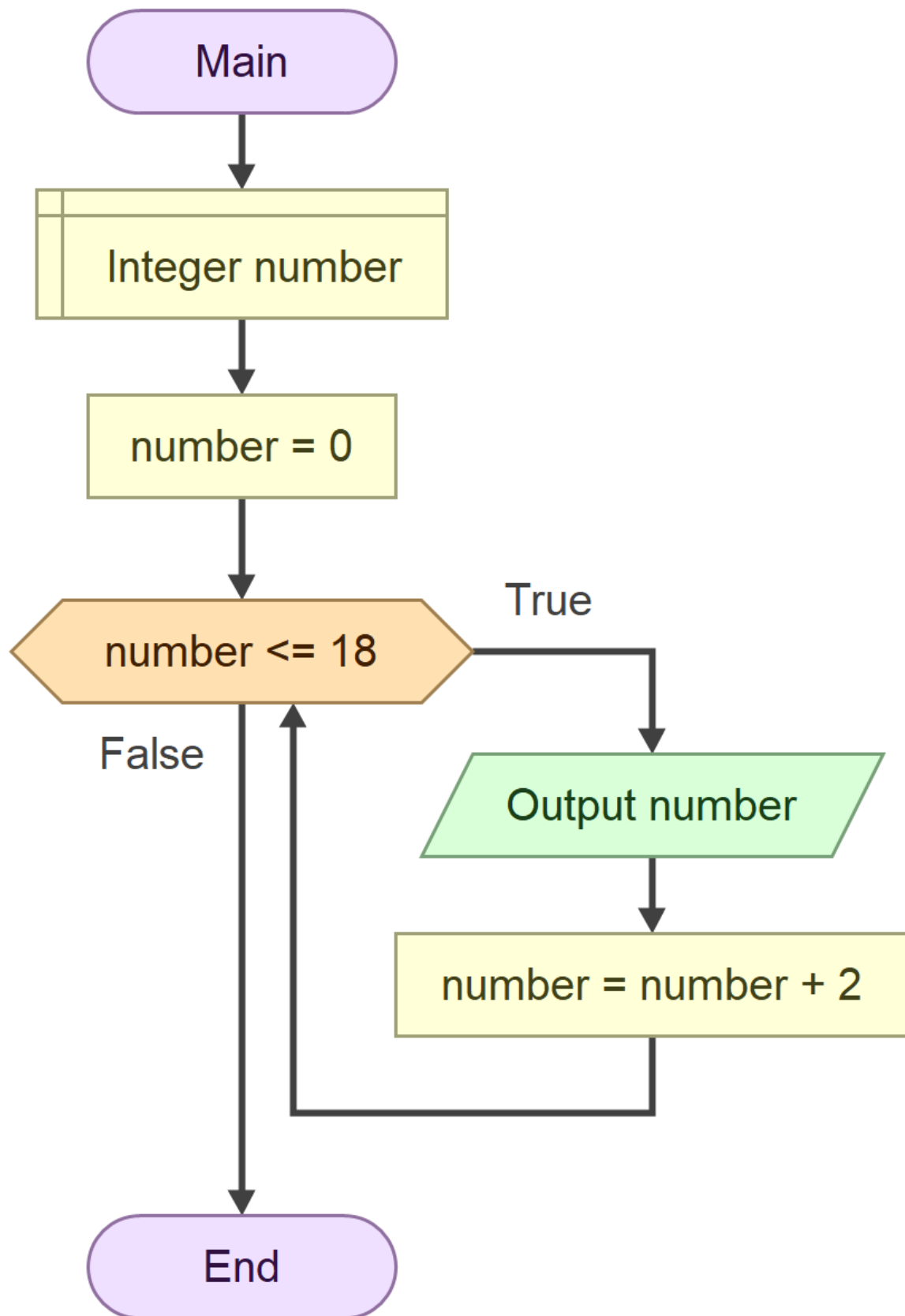
WHILE number  $\geq$  0

PRINT number

Number = number - 1

END

ข้อที่ 8



START

INTEGER number

INPUT number = 0

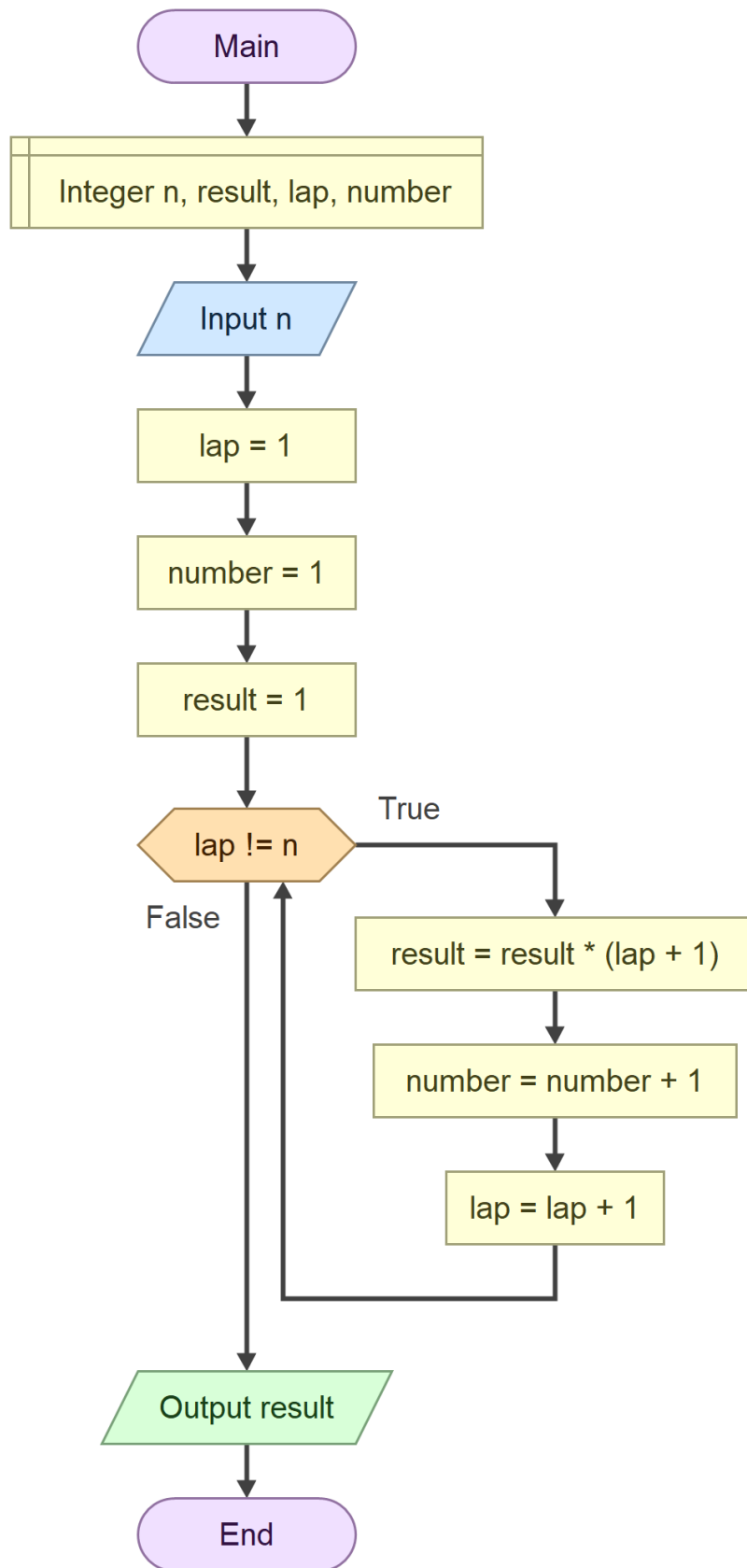
WHILE number  $\leq$  18

PRINT number

number = number + 2

END

ข้อที่ 9



START

INTEGER n, result, lap, number

INPUT n

INTEGER lap = 1

INTEGER number = 1

INTEGER result = 1

WHILE lap != n

    result = result \* (lap + 1)

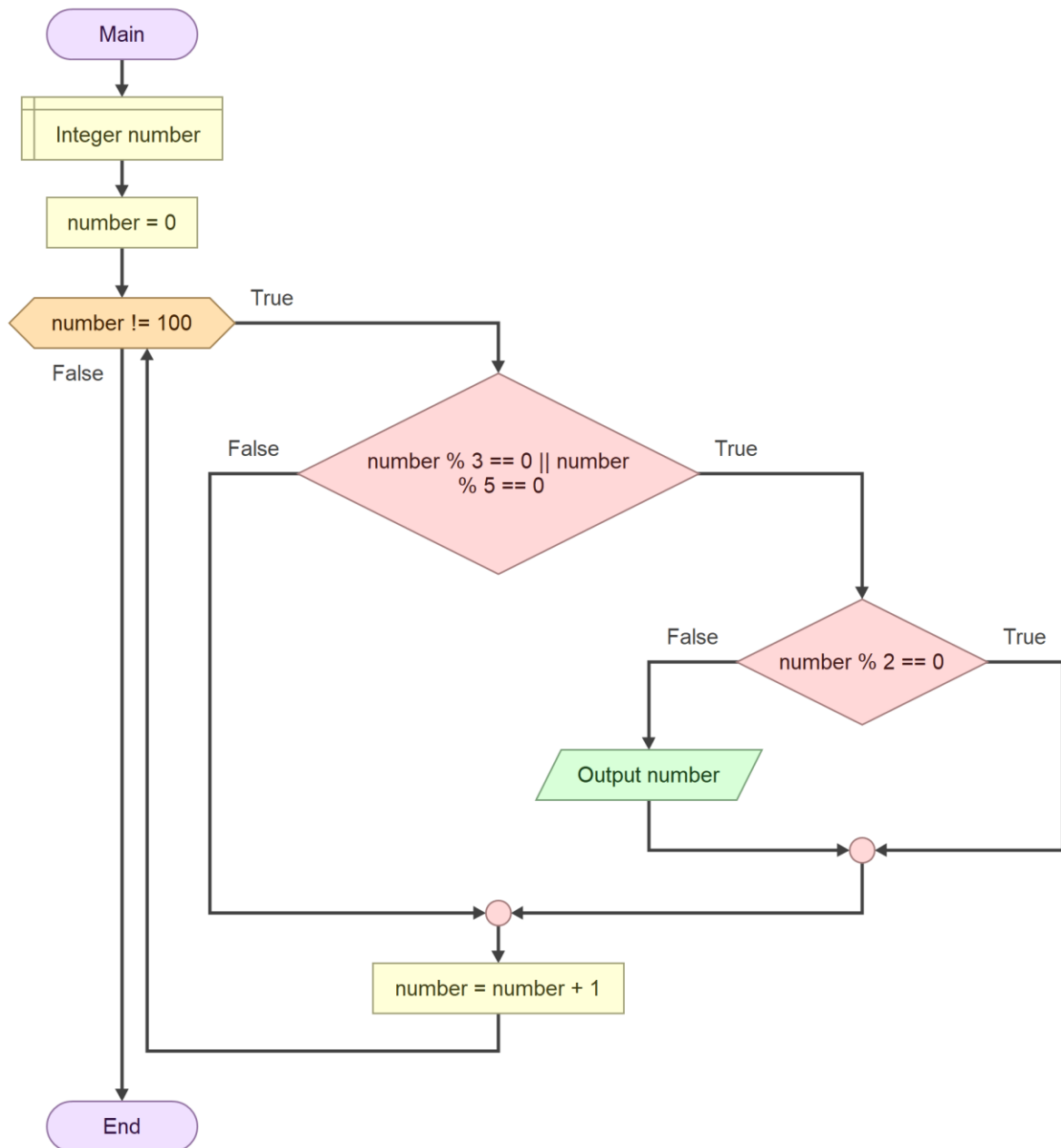
    number = number + 1

    lap = lap + 1

PRINT result

END

ข้อที่ 10



START

INTEGER number

INTEGER number = 0

WHILE number != 100

IF number % 3 == 0 || number % 5 == 0

IF number % 2 == 0

ELSE

PRINT number

END IF

END IF

number = number + 1

END