



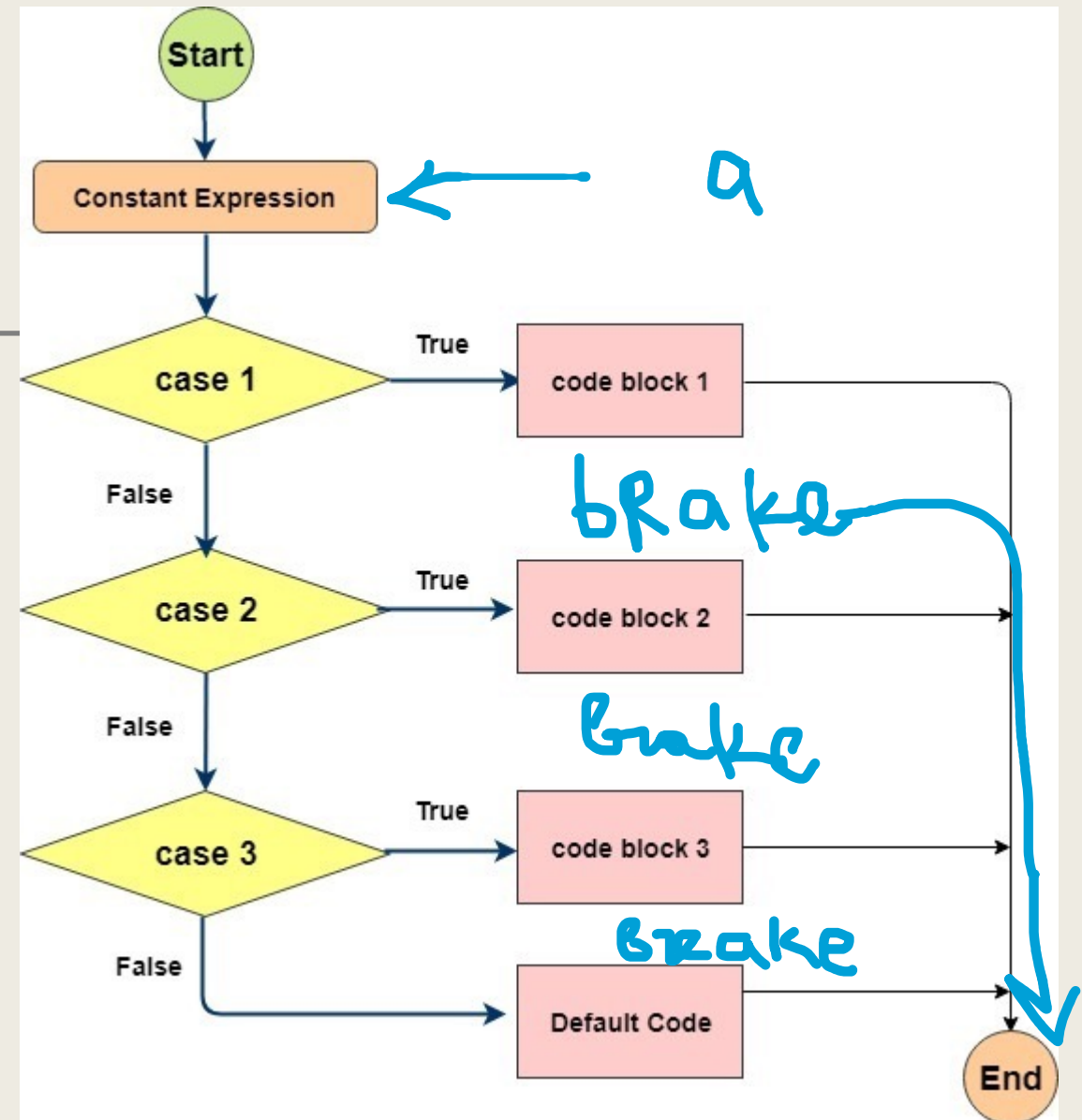
# Lab4:

switch **statements**;  
enum **datatype**;  
search in string

UNT CSCE1030, Summer2021

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# Switch structure



# switch syntax

```
switch(choice)
{
    case Summer:
        cout<<"It's very hot outside"<<endl;
        break;
    case Fall:
        cout<<"It's great weather outside"<<endl;
        break;
    case Winter:
        cout<<"It's fairly cold outside"<<endl;
        break;
    case Spring:
        cout<<"It's rather warm outside"<<endl;
        break;
    default:
        cout<<"Wrong choice"<<endl;
        break;
}
```

# enum datatype

---

name of user-defined datatype

```
enum Season {Winter='W', Fall='F', Summer='U', Spring='S'};
```

key  
word

Season  
int

choice;

# Searching for substring in string

---

Use of find() function:

```
int location = main_string.find(substring);
```

\*How to save input string longer than one word?

Use getline() function:

```
getline(cin, substring);
```

# Submission

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1. Go to WinSCP and copy your files from the CSE machine on your computer.
2. If you want, show me execution of your programs (to be sure that there is no problems).
3. Submit Lab4A.cpp, Lab4B.cpp, Lab4C.cpp on Canvas.