



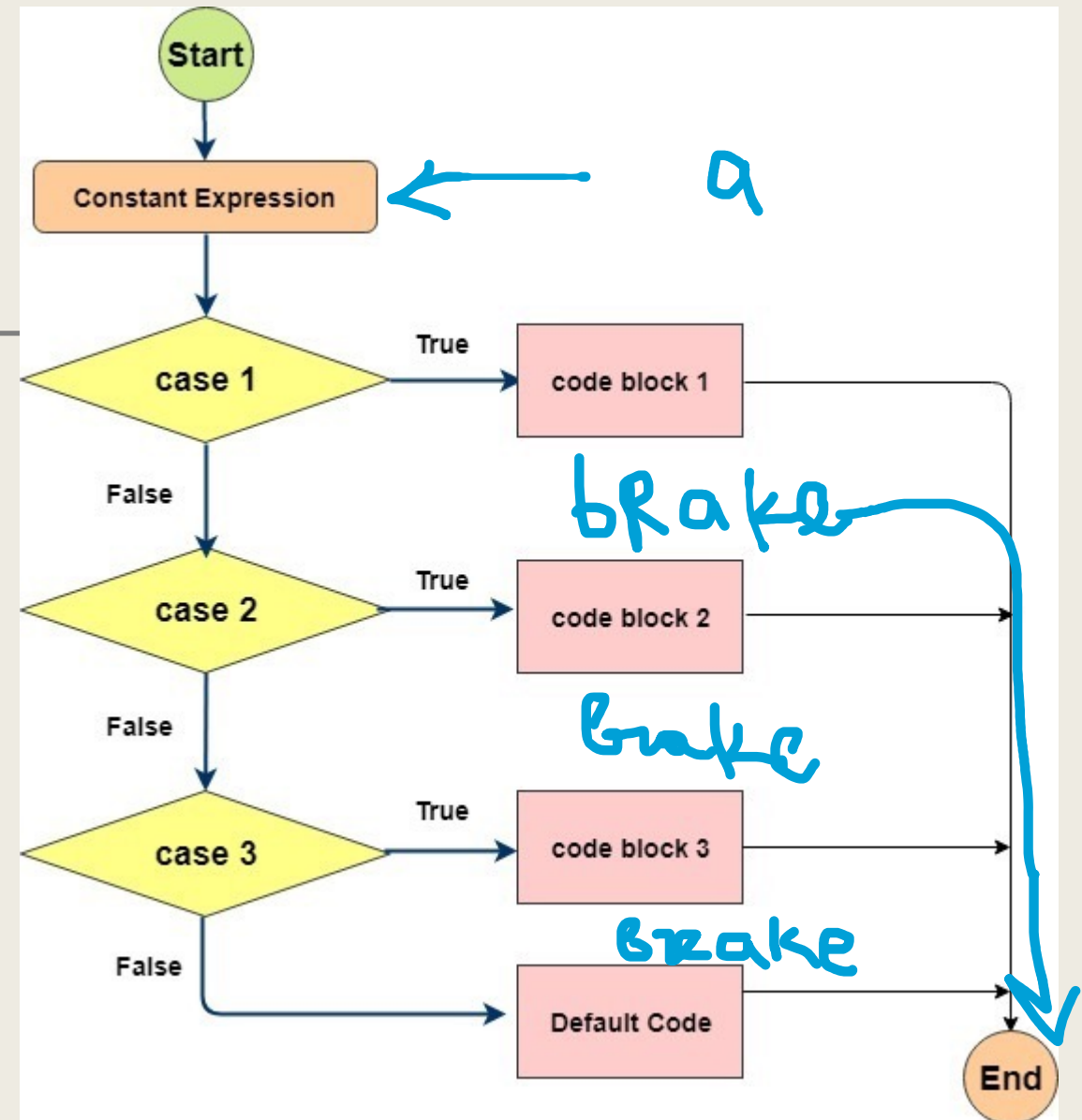
Lab4:

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

UNT CSCE1030, Fall2021

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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 a string

Use of **find()** function:

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

*some other useful member functions:

```
line.length()
```

```
int position;
```

```
line.at(position);
```