

CmpE 150 - Week 5

Section - 04


Recap

- Switch
- While loop, for loop
- Nested loops
- Continue, break statements

3rd quiz today

- Start: 12:00
- End: 12:20
- Be careful! **Do not** write extra things other than required, otherwise automatic grading **does not** give your points!
- No cell phones, no personal computers!

continue keyword



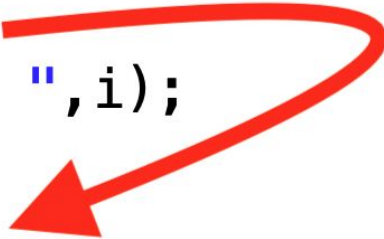
```
for(int i=0; i<10; i++){  
    if(i%5==0)  
        continue;  
    printf("%d ",i);  
}
```

- Ignores the next statements
- Goes back to **increment** and **loop condition check**

break keyword

- Exits from the inner loop
- Ignores the next statements

```
for(int i=0; i<10; i++){  
    if(i%5==0)  
        break;  
    printf("%d ",i);  
}
```



Functions

We already know about some functions:

- `main`
- `printf`
- `scanf`

Now we will learn how to define our own functions.

Functions

Functions are **invoked** by a **function call**, which specifies the function name and provides information (as arguments) that the function needs to perform its designated task.

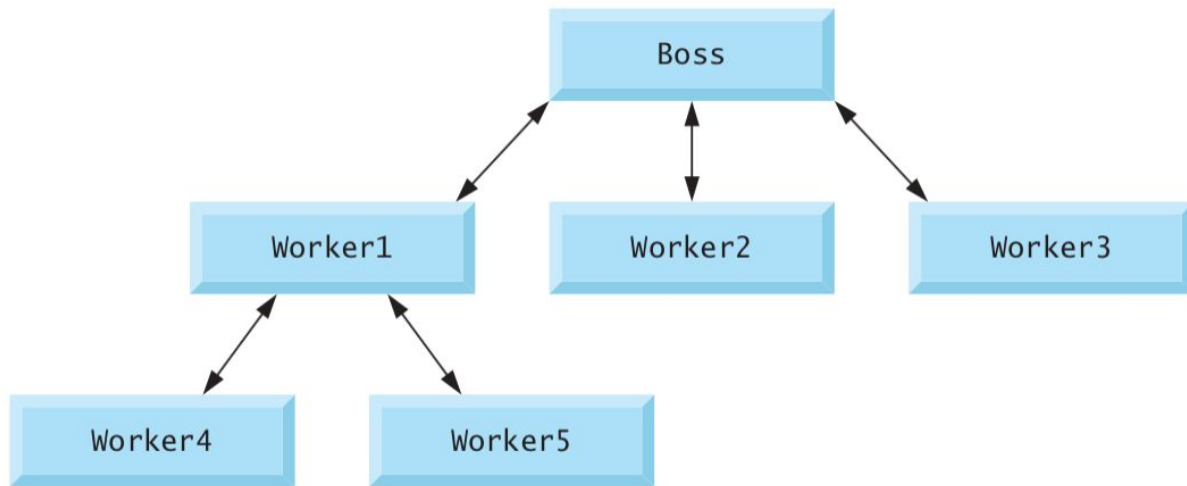


Fig. 5.1 | Hierarchical boss-function/worker-function relationship.

Functions

```
returnValueType functionName(argument1, argument2, ..)  
  
{  
    statements;  
}
```