

**CS 1436**

**OFFICE**

**HOURS**

17 November

$$\frac{10,000}{5,000} = 2$$

Loops {  
1.) While  
2.) For  
3.) do-while

```
for (int i = 0; i <= quotient; i++)  
{  
    Add: : cover 22 " * n ;  
}
```

Store  $\square \square$

for (A; B; C) { }

A: = Variable

B: = Condition

C: = Updating step

Same-variable

for (int i = 0; i < 2; i++) { }

$i = 0$

~~++~~

$i < 2$

$i \leq 2$

~~++~~

$i = 0$

~~++~~  $i \rightarrow i = 1$

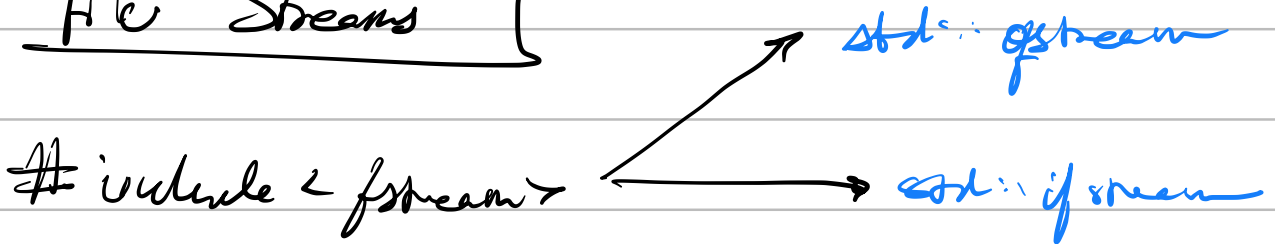
~~++~~

```
for ( ←————→ )  
{  
    std::cout << " # " << std::endl;  
}
```

```
for ( ←————→ )  
{  
    std::cout << " # " ;  
}
```

std::endl;

## File Streams



std::cout <<  
std::cin >>



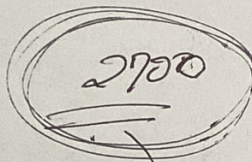
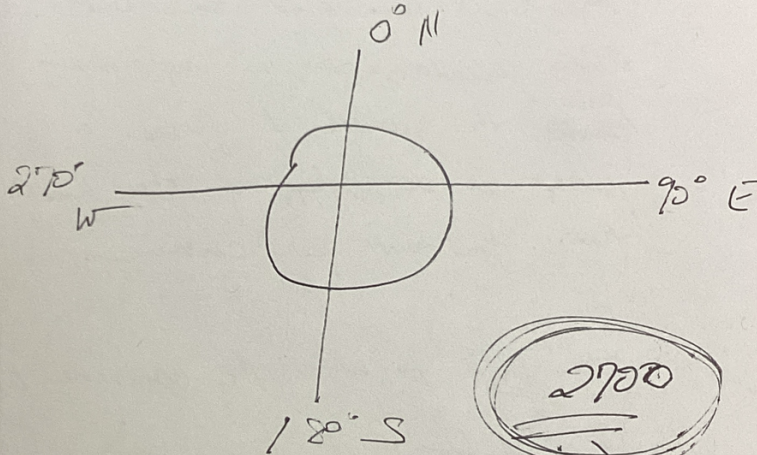
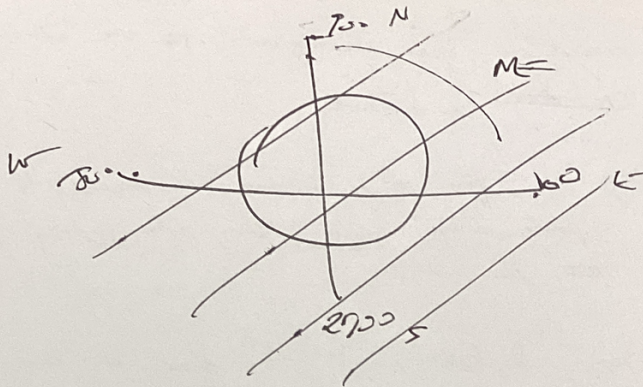
std::ofstream output  
output << " ————"  
std::ifstream input  
input >> " ————"

# Programming Assin 5

270.0, face, angle, walk

face := "North" || (angle < 90.0 || angle > 90.0)  
|| walk := "West"

90°



1.) face := North (cor) ✓

2.) angle < 90.0 || angle > 90.0 ✓

3.) walk := ← West ✓

get Bearing (← →)

{

condition

}

\*