Class 06

Thursday, October 29, 2020 9:59 PM

N=9

9 x 1 = 9
9 x 2 = 18
9 x 3 = 27
9 x 4 = 36
9 x 5 = 45
9 x 6 = 54
9 x 7 = 63
9 x 8 = 72
9 x 9 = 81
9 x 10 = 90

9 x i = 9i

```
int i;
for(i=1 ; i<=10 ; i=i+1)
{
    // my task
}
```

init; terminating condition; update state

i = i+5

```
int i=1;
while(i<=10)
{
    printf ⟶
    i = i+1;
}
```

for(; ;)

Reverse a number

123 ⟶ 321

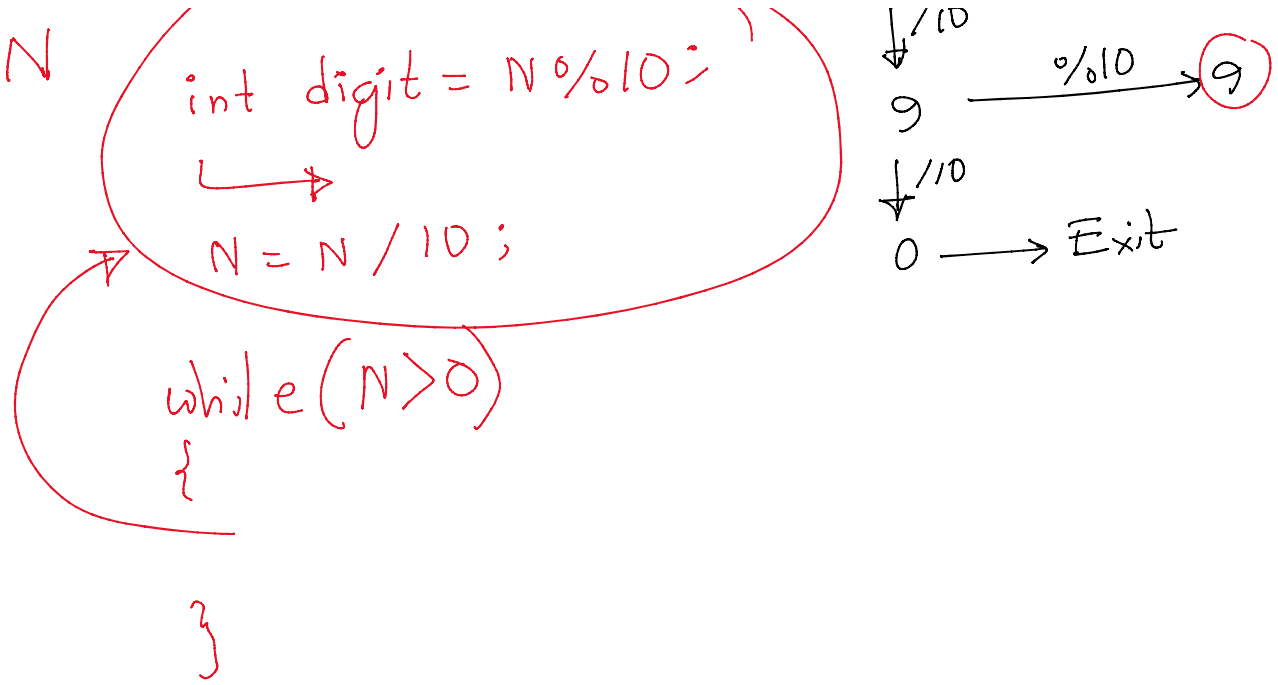
120 ⟶ 021

1207 ⟶ 7021

9875 %10 ⟶ 5
/10
987 %10 ⟶ 7
/10
98 %10 ⟶ 8
/10
9 %10 ⟶ 9

N

int digit = N%10;


N
int digit = N%10;
N = N / 10;
while (N>0)
{
}
/10
9
%10
9
/10
0
Exit