LOOPS

Problem Solving with Computers-I

https://ucsb-cs16-sp17.github.io/



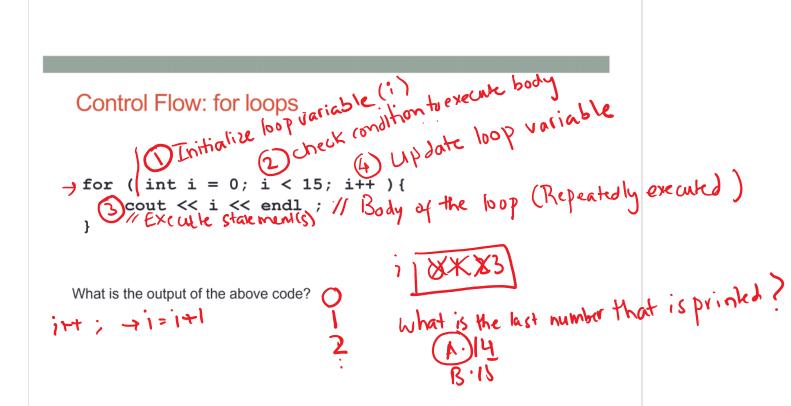


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Announcements

- We will not have any enrollment changes.
- · Change of section requests- completed
- If you want to pair with someone in the same section (different mentor group), let your current mentor know asap
- Mentor groups will be finalized by tomorrow.
- · Homeworks should be submitted in the provided template
- · HW 3 and 4 released, due next week in class

Clickers out – frequency AB



Write a program that generates the following output:

```
1, 2, 3, 4, 5, 6, 7, 8, 9, 10
```

```
Previous code:
```

```
for (int i = 0; i < 15; i++) {
  cout << i << endl ;
}</pre>
```

(See cole writter in lecture)

Modify the program from the previous example to print a sequence: x min, x min+1, x min+2,x max for user specified inputs x min and x max

Sample run of the program:

```
$ ./test
Enter the limits of the sequence
10 15
10, 11, 12, 13, 14, 15
(See lecture code in our class git 08g)
```

Write a program that calculates the sum of the series: 1, 2, 3,n where 'n' is specified by the user

Sample run of the program:

Enter the number of terms in the sequence

Sum of the first 4 terms is: 10

int sum = 0;

cont «'Enter the no. of terms;'

cin >> n;

for (int iz); i (n; it) ?

Sum t = i;

cout <<'Sum of the first (n)

(cont);

terms is " << sum ((end);

Fizzbuzz – 3.0 1 2 fizz 4 buzz fizz 7 8 Let's code Fizzbuzz 3.0! fizz buzz fizzbuzz