

MA 511: Computer Programming

Lecture 7

http://www.iitg.ernet.in/psm/indexing_ma511/y08/index.html

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Mon 10:00-10:55 Tue 11:00-11:55 Fri 9:00-9:55 Class: 1G2

MA512 Lab : Wed 14:00-16:55

SURPRISE TEST

- Find the output of the following program:

```
main(){
    int i, j, k;
    i=20, k=0;
    for(j= 1; j < i; j= 1+4*(i/j)){
        k+=j<10?4:3;
    }
    printf("%d",k);
}
```

- How long does this loop run : `for(x=0; x=3; x++)`
 - A) Never B) Three times C) Forever

SURPRISE TEST

- What is the output of the following program?

```
main(){
    int x=6;
    switch(x){
        default : x+=2;
        case 4: x=4;
        case 5: x++;
        break;
    }
    printf("%d", x);
}
```

- Write a c program for calculating the sum of the first n odd integers without using formula and test the program by calculating the sum of the first 10 odd integers.