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BS IN COMPUTER SCIENCE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

IS 136: PROGRAMMING IN C

TEST 1: 19ᵗʰ April 2013: DURATION 45min

1. Establish the output for the following code fragments

a.   #include <stdio.h> main(){ int x=10; int y = 5; (x%y==0)? (if (%. y = 00) prie
printf("%d\n",x/y);printf("%d\n",x+y); }   = 2   (%d\n", x/y) el
                                                              print(%d\n);

(b.)   #include <stdio.h> main(){ float thearr[] = {2.5, 3.0, 1.45, 4.0};
float *pvar = thearr;
printf("The Funny Value is %0.3f\n",*(pvar + 2) + 2); }

c.   #include <stdio.h> main(){ float rango[] = {1.5, 2.0, 1.40, 4.0}; int
m; printf("Elements are: "); for(m=0; m<4; m++)
printf("%0.3f\t",2*rango[m]); }

d.   #include <stdio.h> #include <string.h> main(){ char anime[] = "Siti -
Saad"; int cos; for(cos=strlen(anime); cos>=0; cos--)
printf("%c",anime[cos]); printf("\n"); }

2. Identify Syntax Errors In the following Program

```
1.  #include <stdio.h>

2.  int sum(int x, y)

3.  {

4.  float ans = 0;

5.  ans = x + y;

6.  return ans;

7.  }

8.  main(){

9.  int oper1, oper2;

10. printf("Operand One:" ");

11. scanf("%f", &oper1);
```