WEEK4: C lab

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Section: N Batch: N-2

```
Enter the lengths for each side:
int main() {
                                                                        6 8 10
   int a, b, c; int triangleType;
                                                                        Scalene Triangle...
   printf("Enter the lengths for each side: \n");
       printf("Invalid triangle...\n");return 0; }
   if (a == b \&\& b == c) {
        triangleType = 1;
        triangleType = 2;
        triangleType = 3;
   switch (triangleType) {
           printf("Equilateral Triangle...\n");
           printf("Isosceles Triangle...\n");
            break;
            printf("Scalene Triangle...\n");
            break;}}
```

```
#include <stdio.h>
                                                                             Enter the lengths for each side:
                                                                             4 4 6
3 int main() {
                                                                              Isosceles Triangle...
        int a,b,c;
       printf("Enter the lengths for each side: \n");
        scanf("%d %d %d", &a, &b, &c);
        if((a+b \le c) || (b+c \le a) || (a+c \le b)){}
            printf("Invalid triangle...\n");
            if(a==b && b==c){
                printf("Equilateral Triangle...\n");
            else if ((a==b)||(b==c)||(a==c)){
                printf("Isosceles Triangle...\n");
                printf("Scalene Triangle...\n");
20
```

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

```
Enter a number: 10
                                                                                              10 \times 1 = 10
 3 - int main(){
                                                                                              10 \times 2 = 20
         int num, i=1;
                                                                                              10 \times 3 = 30
                                                                                              10 \times 4 = 40
         scanf("%d",&num);
                                                                                              10 \times 5 = 50
                                                                                              10 \times 6 = 60
 8 -
                                                                                              10 \times 7 = 70
         do{
              printf("%d x %d = %d\n", num, i, num*i);
                                                                                              10 \times 8 = 80
              i++;
                                                                                              10 \times 9 = 90
                                                                                              10 \times 10 = 100
15
```