1) Which of the following are valid identifiers in C? (20 Points)

( valid / invalid ) Syracuse_Orange
( valid / invalid ) Hal9000
( valid / invalid ) 20000LeaguesUnderTheSea
( valid / invalid ) Shalimar
( valid / invalid ) _10=three+seven

2) A function definition in C starts with a **return type**, followed by the **name|identifier** of the function. Next, this is followed by a list of the **parameters** in a pair of parenthesis. This contains a sequence of the **variables|identifiers|inputs** and the associated **datatypes**. (20 points)

3) What happens if extra random text is added outside of the curled brackets of a C program? (20 points)

**An error or syntax error would occur**

4)(20 points)

```c
int main (void)
{
    int input=0;
    scanf("%d",&input);
    if( (input>=0)&&(input<5))
        printf("Alpha
");
    else if  (input>5)
        printf("Beta
");
    else
        printf("Gamma
");

    return 0;
}
```

What will be printed if the user inputs 3? Alpha
What will be printed if the user inputs 7? Beta
What will be printed if the user inputs 5? Gamma

5) What is the value of x? (20 Points)

```c
int main (void)
{
    int input=0;
    scanf("%d",&input);
    if( (input>=0)&&(input<5))
        printf("Alpha
");
    else if  (input>5)
        printf("Beta
");
    else
        printf("Gamma
");

    return 0;
}
```

What will be printed if the user inputs 3? Alpha
What will be printed if the user inputs 7? Beta
What will be printed if the user inputs 5? Gamma

```c
a=1
b=2
c=3
x=a*(a+b)*(b+c)*c;
45
```