Functions Assignment

- Strcmp();

```c
#include<stdio.h>
#include<conio.h>
#include<string.h>

int main()
{
    char* s1 ="AS";
    char* s2 ="AJ";

    if(strcmp(s1,s2)<0)
    {
        printf("AS is greater than AJ");
    }
    else{
        printf("AJ is greater than AS");
    }

    return 0;
}
```

```
"C:\Users\Aryan Siingh\Documents\C\C\bin\Debug\C....
AJ is greater than AS
Process returned 0 (0x0)   execution time
 : 0.216 s
Press any key to continue.
```

- Strcpy();

```c
#include<stdio.h>
#include<conio.h>
#include<string.h>

int main()
{
    char s1[] =" ";
    char s2[] ="AJS";



    printf("%s",strcpy(s1,s2));

    return 0;
}
```

```
"C:\Users\Aryan Siingh\Documents\C\C\bin\Debug\C....
AJS
Process returned 0 (0x0)   execution time
 : 0.265 s
Press any key to continue.
```

- Strrev();

```c
#include<stdio.h>
#include<conio.h>
#include<string.h>

int main()
{
    //char s1[] =" ";
    char s2[] ="AJS";

    strrev(s2);

    printf("%s",s2);

    return 0;
}
```

```
"C:\Users\Aryan Siingh\Documents\C\C\bin\Debug\C....
SJA
Process returned 0 (0x0)   execution time
 : 0.100 s
Press any key to continue.
```

- Strlen();

```c
#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
#include<time.h>

int main()
{


  char s1[]="AJS";


    printf("%d",strlen(s1));

    return 0;
}
```

```
3
Process returned 0 (0x0)   execution time
 : 0.581 s
Press any key to continue.
```

- Strupr();

```c
#include<conio.h>
#include<string.h>

int main()
{
    //char s1[] =" ";
    char s2[] ="ajs";



    printf("%s",strupr(s2));

    return 0;
}
```

```
AJS
Process returned 0 (0x0)   execution time
 : 0.180 s
Press any key to continue.
```

- Strlwr();

```c
#include<stdio.h>
#include<conio.h>
#include<string.h>

int main()
{
    //char s1[] =" ";
    char s2[] ="AJS";



    printf("%s",strlwr(s2));

    return 0;
}
```

```
ajs
Process returned 0 (0x0)   execution time
 : 0.164 s
Press any key to continue.
```

- Pow();

```c
#include<stdio.h>
#include<conio.h>
#include<string.h>

int main()
{
    //char s1[] =" ";
    //char s2[] ="AJS";
    int x=0;

    x=pow(5,3);

    printf("5^3=%d",x);

    return 0;
}
```

```
5^3=125
Process returned 0 (0x0)   execution time
 : 0.167 s
Press any key to continue.
```

- Sqrt();

```c
#include<stdio.h>
#include<conio.h>
#include<string.h>

int main()
{
    //char s1[] =" ";
    //char s2[] ="AJS";
    int x=0;

    x=sqrt(25);

    printf("Square Root of 25=%d",x);

    return 0;
}
```

```
"C:\Users\Aryan Siingh\Documents\C\C\bin\Debug\C....
Square Root of 25=5
Process returned 0 (0x0)   execution time
 : 0.090 s
Press any key to continue.
```

- Ceil();

```c
#include<stdio.h>
#include<conio.h>
#include<string.h>

int main()
{


    float f=9.5;


    printf("Ceil function of %f is %f",f,ceil(f));

    return 0;
}
```

```
"C:\Users\Aryan Siingh\Documents\C\C\bin\Debug\C....
Ceil function of 9.500000 is 10.000000
Process returned 0 (0x0)   execution time
 : 0.199 s
Press any key to continue.
```

Floor();

```c
#include<stdio.h>
#include<conio.h>
#include<string.h>

int main()
{


    float f=9.5;


    printf("Floor function of %f is %f",f,floor(f));

    return 0;
}
```

```
"C:\Users\Aryan Siingh\Documents\C\C\bin\Debug\C....
Floor function of 9.500000 is 9.000000
Process returned 0 (0x0)   execution time
 : 0.169 s
Press any key to continue.
```

Rand();

```c
#include<stdio.h>
#include<conio.h>
#include<stdlib.h>
#include<time.h>

int main()
{


   srand(time(0));


    printf("%d",rand());

    return 0;
}
```

```
"C:\Users\Aryan Siingh\Documents\C\C\bin\Debug\C....
15103
Process returned 0 (0x0)   execution time
 : 0.113 s
Press any key to continue.
```