Assignment - 4

Q1-

```
#include <stdio.h>
int main()
{
printf("Hello Students");
return 0;
}
```

Q2-

```
#include <stdio.h>
int main()
{
printf("Hello\n Students");
return 0;
}
```

Q3-

```
printf("\"My Sir G\"");
```

Q4-

```
printf("\"\"Teacher's Day\"\"");
```

Q5-

```
printf("\\n");
```

Q6-

```
printf("%%d");
```

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Q7 -

```
#include <stdio.h>
int main ()
{
    int x;
    char y;
    float z;
    x =
```

```
#include <stdio.h>
int main ()
{
    int a = 10;
    char b = law;
    float c= 12;
    prinf("%d \n %c \n%f");
    return 0;
}
```

Q8 -

%.1f → double

%i → integer

%g → decimal format.

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Q9

```
#include <stdio.h>
int main()
{
    char m='A';
    printf("the ASCII code of %c is %d", m, m);
    return 0;
}
```

Q9-

```
#include <stdio.h>
int main()
{
    char m = 'a';
    printf("the ASCII code of %c is %d, m, m);
    return 0;
}
```

Q10

101 decimal to binary

2	101	1
2	50	0
2	25	1
2	12	0
2	6	0
2	3	1
	1	1

1 1 0 0 1 0 1

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32 16

1 1 0 0 1 0 1 to decimal

64 8 4 2 1

64 + 32 + 4 + 1 = 101.

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