Lab 01

Task 1. Write following C program:

```
#include <stdio.h>
int main(){
      printf("My First Program in C Language");
      return 0;
}//End of program
```

Save this program with name "**first.c**". Compile and Run.

Task 2. Create copy of first program with name " second.c". Do modifications in second.c to create following program:

```
#include <stdio.h>
int main(){
      printf("This is first line of program.");
      printf("This is second line of program.");
      return 0;
}//End of program
```

Check output, oops, the output is coming in same line, "what a foolish system". Let's modify the again and change first print statement only:

```
      printf("This is first line of program.\n");
```

Run again to see modified output.

Again, create copy of "second.c" with name "third.c" and write following print statements in "third.c", remove all previous print statements:

```
      printf("        Lab 01\n");
      printf("Programming Fundamentals.");
      printf("Second Semester");
      printf("Shell Commands.");
      printf("C Programs");
      printf("First.c");
      printf("Second.c");
      printf("Third.c");
```

```
           Lab 01
Programming Fundamentals.
Second Semester
C Programs
First.c    Second.c   Third.c
```

Save program and see output, if output is not exactly match to the given output (in rectangular box), then modify print statements without removing or adding any new statements, just do modification to generate exactly same output.

Task 3: Display digits using (underline and vertical line characters in print statements:

```
 _____      ____   ____
|    |  |      |     |  |   |
|    |  |  ____|  ____|  |___|
|    |  |  |          |      |
|____|  |  |____   ____|      |
```

[END OF LAB :) :) :)]