Von Neumann Architecture

Von Neumann Architecture is a computer architecture that was based on what was described by physicist and mathematician John Von Neumann in 1945. The Von Neumann Architecture consists of a single, shared memory for data and programs. Fetching and execution styles are operated seriously by its processor.

Stored Program Concept

The idea of a Stored Program Concept was introduced by John Von Neumann in late 1940s. He suggested that a program be stored electronically in binary number format in a memory device so that the instructions could be modified by the computer. The Storage of instructions in the memory of the computer allow it to go ahead with a variety of tasks in a sequence.

first.c

```
#include <stdio.h>

#include <stdlib.h>


int main(int argc, char * * argv)

{

   int a = 2;

   int b = 13;


   printf("main: a = %d, b = %d, argc = %d/n", a, b, argc);


   return EXIT_SUCCESS;

}
```

```
C:\Users\srivk\OneDrive\Desktop\UNB\Summer2020\CS2263>gcc first.c -o mine

C:\Users\srivk\OneDrive\Desktop\UNB\Summer2020\CS2263>mine
main: a = 2, b = 13, argc = 1/n
C:\Users\srivk\OneDrive\Desktop\UNB\Summer2020\CS2263>
```

The printf() function is used to print the output onto the output screen. %d is used with the printf() function to print the value of an integer.