**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;

}

A picture containing clock, object, sitting, meter

Description automatically generated

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.