Assignment -1

Q1 -

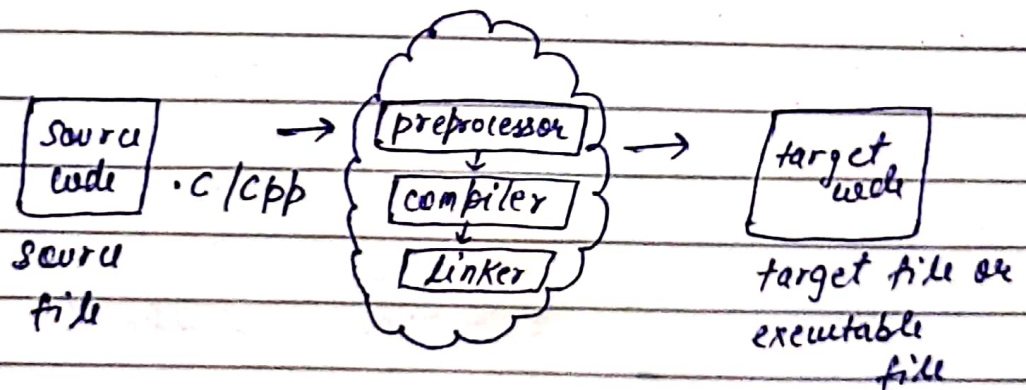Ans- because the data or information stored in hardware is in Os cmd Is.

Q2-

And Intigrated development Environment.

Q3-

And Text editor does not help to write a code but code editor is also a text editor but also helps to write code.

Q4-


```
[Source    → (preprocessor)  →  [target
 code] ·C/Cpp      ↓                  code]
              [compiler]
 Source           ↓            target file or
 file          [Linker]        executable
                                  file
```

Q5

(a)-   C 1 7

(b)-   Dennis Ritchie

(c):- System software is also called operating system like Window's, Linux.
It is used to run the system and give the interface to user and machine but application software is run on the system software.

(d)-

52

```
2 | 52    0
2 | 26    0
2 | 13    1
2 |  6    0
     3    0
     1    1
          1
```

```
2 | 52 | 0
2 | 25 | 1
2 | 12 | 0
2 |  6 | 0
2 |  3 | 1
2 |  1 | 1
   |  0 | 0
```

1100110

binary number of 52 is

[1100100]