

#### Question 4

a.) Efficiency of the language.

It is reusable

Fast and easy to use

Sustainability

b.) Execution of the programming language.

Nature of the coding app.

Ease of the learning for the programmer.

Features offered by the coding language.

C Coding paradigm.

c.) Compiling and interpreting.

d.) Creating the program. writing the source code.

Compiling - compiles the source code as a block.

Linking - links source code to its directives library.

Ex Loading - copies all commands and run by CPU.

Executing -

e.) line 4: `int main() {`

line 7: `float a, b;`

`int sum, mult, difference div;`

line 8: `cout << "..... A simple C++ App ..... " << endl;`

line 9: `cout << " | _____ | \n " ;`

line 18: `String full_name;`

`cin >> fullname;`

line 25: `cout << "Thanks " << fullname << " Here we go .. \n " ;`