ST.THOMAS SCHOOL ,SAHIBABAD
SUBJECT -COMPUTER
WORKSHEET 4
CLASS VI

HIGH- LEVEL LANGUAGE

The features of high level language are:

- Use English words and mathematics operators
- Machine –dependent
- Has to be converted into Machine language by Translator program(Assemblers).

High level language programs need to be translated into machine language by using the translator program .The translator program is used to convert a high level language program into machine language. There are two types of translator programs which are as follows :

- ❖ **Interpreter**
- ❖ **Compiler**

Interpreter

An Interpreter translates line by line , executes the instruction and then repeats the procedure for the remaining instruction .If any error are found ,they are to be removed immediately.

Compiler

A compiler is a translator program, used to convert a high –level language program into machine language. It translate the whole program at once .

FOURTH GENERATION LANGUAGE (4GL)

The features of fourth generation language are:

- Highly user-friendly and independent of any operating system.
- Very high speed of execution
- Minimum efforts from user to obtain any information
- Designed to reduce time and the cost of software development.

ACTIVITY TIME

Prepare a table in MS word as given below by following the given steps.

1. Goto Insert tab> add a table > select 5 rows and 2 columns.

2. Enter text as given in the table.

   * Do not use Enter key while entering data.

   * Use navigation keys or tab key to move in the table.

LANGUAGE	FEATURES
MACHINE	❷ Uses binary codes to depict operators and data. ❷ Machine-dependent. ❷ The only language directly understood by a computer.
ASSEMBLY	❷ Uses mnemonic codes or symbols instead of binary numbers. ❷ Machine-dependent. ❷ Has to be converted into Machine language by Translator programs (Assemblers).
HIGH-LEVEL	❷ Uses English words and Mathematical operators. ❷ Machine-independent. ❷ Has to be converted into Machine language by Translator programs (Interpreters and Compilers).
4GL	❷ Machine-independent. Minimal user skills required to obtain results. ❷ Application development tool.