

Lab#1

Write a basic CV:

➤ Personal information:

Name: Iqra Jamshed

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➤ Objective:

“As a computer science student, my career goal is to leverage my skills in programming, problem-solving, and innovative thinking to develop impactful software solutions, contribute to cutting-edge technology, and continuously grow as a professional in the ever-evolving tech industry.”

➤ Education:

Matric from (National model school skp)

Fsc from(PGC)

➤ Skills:

Proficient in Microsoft Office Suite(**Word,Excel,Powerpoint**)

➤ Experience:

No experience for job.

Lab#3

Presentation on related to computer programming:

What is Computer Programming?

- **Definition:** The process of designing and building executable computer programs to accomplish specific tasks.
- **Purpose:** Automates tasks, solves problems, and creates applications.

Programming Languages

- High-Level Languages: Python, Java, C++, JavaScript.
- Low-Level Languages: Assembly, Machine Code.
- Add examples:
- Python: `print("Hello, World!")`
- Java: `System.out.println("Hello, World!");`

Components of Programming

- **Syntax:** The set of rules that defines valid combinations of symbols in a language.
- **Logic:** Problem-solving and algorithmic thinking.
- **Tools:** IDEs (e.g., VS Code, PyCharm), compilers, and debuggers.

Applications of Programming

- Web Development (e.g., HTML, CSS, JavaScript).
- Software Development (e.g., Desktop and Mobile Apps).
- Data Science and AI (e.g., Python, R).
- Game Development (e.g., Unity, Unreal Engine).
- Robotics and IoT (e.g., C++, Python).

Benefits of Learning Programming

- Develops problem-solving skills.
- High demand in various industries.
- Enables innovation and automation.

Popular Careers in Programming

- Software Developer
- Web Developer
- Data Scientist
- Game Developer
- Cybersecurity Specialist

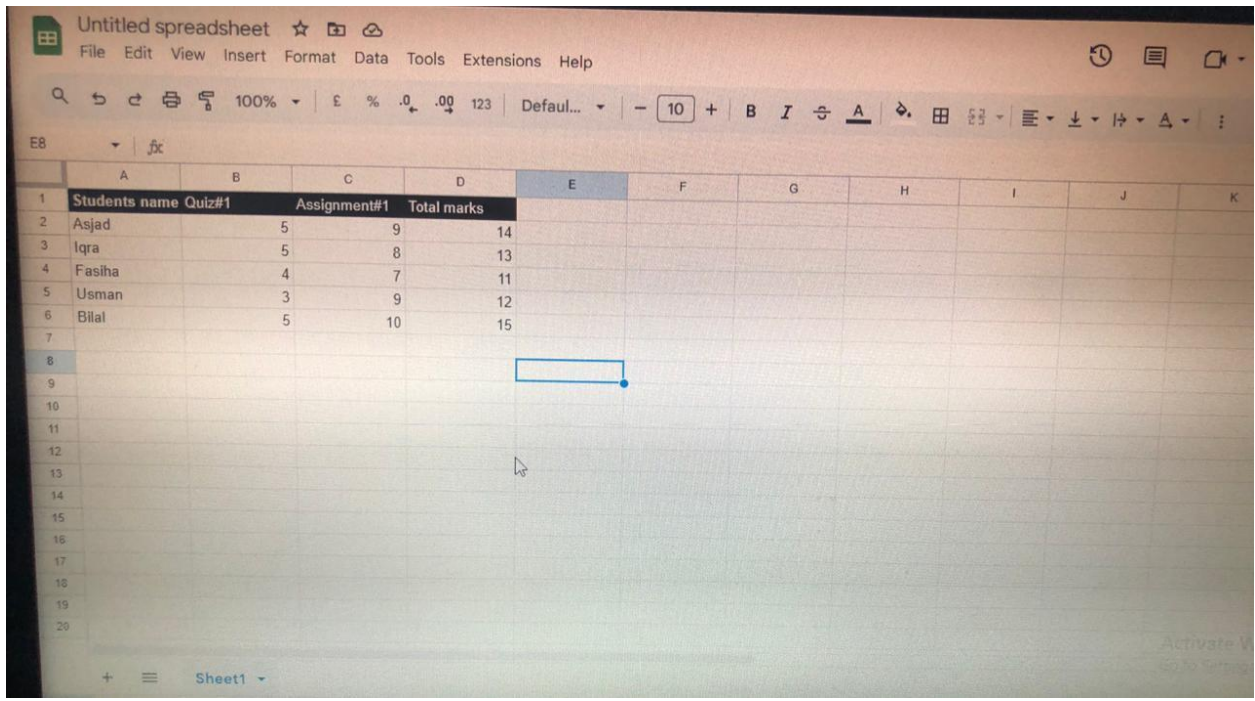
Conclusion

- Summary:
- Programming is essential for technological innovation.
- Learning programming opens doors to numerous opportunities.

- Encouragement: Start with beginner-friendly languages like Python or JavaScript.

Lab#4

➤ Basic spread sheet:



The screenshot shows a Google Sheets interface with a spreadsheet titled "Untitled spreadsheet". The spreadsheet contains a table with the following data:

	A	B	C	D	E	F	G	H	I	J	K
1	Students name	Quiz#1	Assignment#1	Total marks							
2	Asjad		5	9	14						
3	Iqra		5	8	13						
4	Fasiha		4	7	11						
5	Usman		3	9	12						
6	Bilal		5	10	15						
7											
8											
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16											
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20											

The spreadsheet has a menu bar (File, Edit, View, Insert, Format, Data, Tools, Extensions, Help) and a toolbar with various icons. The active cell is E8.

Lab#6

