

Types of Programming Languages: High-Level, Medium-Level, and Low-Level

Misaal: Insaan aur Computer ki baat cheet

Farz karein ke computer ek **machine** hai aur aap us se koi kaam karwana chahtay hain, jaise "pankha on karo".

High-Level Language

Yeh woh zaban hai jo insanon ke liye aasan hoti hai.

Misaal:

"Turn on the fan"
(Aasan aur seedhi baat)

✓ JavaScript, Java, PHP waghera aisi zabanain hain.

Medium-Level Language

Yeh zaban computer ke qareeb bhi hoti hai aur insaan ke liye bhi samajhne laayak hoti hai.

Misaal:

"Send signal 1 to port X to power fan motor"
(Thora mushkil, lekin samajh aa sakta hai)

✓ C language ki misaal.

Low-Level Language

Yeh woh zaban hai jo machine ke bilkul qareeb hoti hai, insaan ke liye samajhna mushkil hota hai.

Misaal:

Aasaan alfaaz mein farq:

Level	Insaan ke liye aasan?	Computer ke qareeb?	Misaal
High	✓ Bohat aasan	✗ Nahi	JavaScript
Medium	⚠ Darmiyani	⚠ Darmiyani	C
Low	✗ Mushkil	✓ Bilkul qareeb	Assembly