1) printf("Hello, World!\n");

2) for(int i=0; i<10; i++) { printf("%d\n", i); }

3) int add(int a, int b) { return a + b; }

4) if(x > 10) { printf("Greater than 10\n"); }

5) if(denominator == 0) { printf("Cannot divide by zero\n"); }

6) int nums[] = {1, 2, 3, 4, 5}; int sum = 0; for(int i=0; i<5; i++) { sum += nums[i]; }

7) struct Person { char name[50]; }; void initPerson(struct Person \*p, char \*name) { strcpy(p->name, name); }

8) FILE \*fp = fopen("data.csv", "r"); char line[1024]; while(fgets(line, 1024, fp)) { /\* process line \*/ }

9) char \*greeting(char \*name) { char buffer[100]; sprintf(buffer, "Hello, %s!", name); return strdup(buffer); }

10) int findMax(int arr[], int size) { int max = arr[0]; for(int i=1; i<size; i++) { if(arr[i] > max) max = arr[i]; } return max; }

11) SELECT \* FROM users WHERE age > 18

12) INSERT INTO customers (name, email) VALUES ('John', 'john@example.com')

13) int count = 0; for(int i=0; i<10; i++) { count += i; }

14) int factorial(int n) { return n <= 1 ? 1 : n \* factorial(n-1); }

15) printf("Hello, C!\n");

16) document.getElementById("demo").innerHTML = "Hello JavaScript!";

17) int numbers[] = {1, 2, 3, 4, 5}; int doubled[5]; for(int i=0; i<5; i++) { doubled[i] = numbers[i] \* 2; }

18) time\_t t = time(NULL); struct tm \*tm = localtime(&t); char date[20]; strftime(date, sizeof(date), "%m/%d/%Y", tm); printf("The current date is %s\n", date);

19) char name[] = "Alice"; printf("Hello, %s!\n", name);

20) #include <iostream>; int main() { std::cout << "Hello, C++!" << std::endl; return 0; }