```cpp
//SAANVI
//23070123110
//entc b2 exp 2
#include <iostream>

using namespace std;
int gv = 100;


extern int ev;

int main() {

    ev = 5;


    static int sv = 10;


    register int rv = 15;


    auto av = 20;


    int gv = 200;

        cout << "global: " << ::gv<< " (size: " << sizeof(::gv) << " bytes)" << std::endl;
    cout << "extern: " << ev << " (size: " << sizeof(ev) << " bytes)" << std::endl;
    cout << "static: " <<sv << " (size: " << sizeof(sv) << " bytes)" << std::endl;
    cout << "register: " << rv << " (size: " << sizeof(rv) << " bytes)" << std::endl;
    cout << "auto: " << av << " (size: " << sizeof(av) << " bytes)" << std::endl;

    return 0;
```

```cpp
//saanvi
//23070123110
//entc b2
#include <iostream>

using namespace std;

int main() {
    int integerVar;
    float floatVar;
    bool boolVar;
    char charVar;
    double doubleVar;
    long long int longLongVar;
    short int shortIntVar;

    cout << "Size of int: " << sizeof(integerVar) << " bytes" << endl;
    cout << "Size of float: " << sizeof(floatVar) << " bytes" << endl;
    cout << "Size of bool: " << sizeof(boolVar) << " bytes" << endl;
    cout << "Size of char: " << sizeof(charVar) << " byte" << endl;
    cout << "Size of double: " << sizeof(doubleVar) << " bytes" << endl;
    cout << "Size of long long int: " << sizeof(longLongVar) << " bytes" << endl;
    cout << "Size of short int: " << sizeof(shortIntVar) << " bytes" << endl;

    return 0;
}
```

PROBLEMS    OUTPUT    DEBUG CONSOLE    TERMINAL    PORTS

```
Loaded 'C:\MinGW\bin\libstdc++-6.dll'. Symbols loaded.
Size of int: 4 bytes
Size of float: 4 bytes
Size of bool: 1 bytes
Size of char: 1 byte
Size of double: 8 bytes
Size of long long int: 8 bytes
Size of short int: 2 bytes
The program 'C:\Users\CL301_17\Desktop\23070123112_cds\DATA.exe' has exited with code 0 (0x00000000).
```