

Answer on Question#39293 – Programming - C++

```
#include <iostream>
#include <stdlib.h>
#include <vector>
using namespace std;

#define TIMES 20

int main()
{
    char var;
    vector<int> variants(4);
    for(int i = 0; i < TIMES; ++i)
    {
        cout << "What type of variable does take four bytes in memory?" << endl;
        cout << "\tA: char" << endl;
        cout << "\tB: double" << endl;
        cout << "\tC: int" << endl;
        cout << "\tD: long long int" << endl;
        cin >> var;

        switch(tolower(var))
        {
            case 'a':
                ++variants[0];
                break;
            case 'b':
                ++variants[1];
                break;
            case 'c':
                ++variants[2];
                break;
            case 'd':
                ++variants[3];
                break;
            default:
                "You've inputed wrong variant of answer. Try again.";
                --i;
        }
    }
    cout << "\n\nVariant A was chosen " << variants[0] << " times." << endl;
    cout << "\n\nVariant B was chosen " << variants[1] << " times." << endl;
    cout << "\n\nVariant C was chosen " << variants[2] << " times." << endl;
    cout << "\n\nVariant D was chosen " << variants[3] << " times.\n" << endl;

    system("PAUSE");
}
```