PROGRAMS USING STRINGS, AND / OR and different

DECISION MAKING METHODS

Calculator using if else :

| #include <iostream>   using namespace std;   int main(){  int x, y;  char op;    cout << "Enter the value of x : ";  cin >> x;  cout << "Enter the operator : ";  cin >> op;  cout << "Enter the value of y : ";  cin >> y;    if(op == '+'){  cout << x << " + " << y << " = " << x + y << endl;  } else if(op == '-'){  cout << x << " - " << y << " = " << x - y << endl;  } else if(op == 'x' || op == '\*'){  cout << x << " x " << y << " = " << x \* y << endl;  } else if(op == '/'){  cout << x << " / " << y << (int)x/y << endl;  } else {  cout << "Invalid operator! " << endl;  }   } |
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Calculator using switch statements:

| #include <iostream>  using namespace std;   int main(){  int x, y;  char op;    cout << "Enter the value of x : ";  cin >> x;  cout << "Enter the operator : ";  cin >> op;  cout << "Enter the value of y : ";  cin >> y;    switch(op){  case '+':  cout << x << " + " << y << " = " << x + y << endl;  break;  case '-':  cout << x << " - " << y << " = " << x - y << endl;  break;  case 'x':  cout << x << " x " << y << " = " << x \* y << endl;  break;  case '/':  cout << x << " / " << y << " = "<< (int)x/y <<endl;  Break;  default:  cout << "Invalid Operator! " << endl;  }   } |
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Program using strings, if else, OR & AND operators:

| #include <iostream>   using namespace std;   int main(){  string name;  char gender;  int age;    cout << "Enter your name : ";  getline(cin, name);  cout << "Enter your gender M/F: ";  cin >> gender;  cout << "Enter your age : ";  cin >> age;    if(gender == 'M' && age >= 18){  cout << "You are allowed to drive HTV(s) and LTV(s)" << endl;  } else if(gender == 'F' && age >= 18){  cout << "You are only allowed to drive LTV(s) : " << endl;  } else {  cout << "You are not allowed to drive!" << endl;  }  } |
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