Chpt3\_Chkpt\_&&\_RQ

Chkpt

1. Header file needed to use cin: #include <iostream>
2. >> called:
3. Where does cin reads input from? buffer
4. True or false: True cin requires the user to press the [Enter ] key after entering the data
5. If value is integer: user enters: 3.14

cin>> value; What is stored in value: 3

1. ---
2. ---
3. ---
4. Precedence:

A. + and \* \* higher than +

B. \* and / \* and / have same

C. / and % / and % have same



Expression Value

6+3\*5 6+15 21

12/2-4 6-4 2

9+14\*2-6 9+28-6 31

5+19%3-1 5+1-1 5

(6+2)\*3 8\*3 24

14/(11-4) 14/7 2

9+12\*(8-3) 9+12\*5 69

(6+17)%2-1 23%2-1 0

(9-3) \*(6+9)/3 6\*15/3 30

1. ---

26. No space is needed for a fifth character, to hold the null terminator

Error 1 error C2117: 'name26' : array bounds overflow

3 IntelliSense: a value of type "const char [5]" cannot be used to initialize an entity of type "char [4]"

27.

A. legal

B. illegal

Error 1 error C2664: 'std::basic\_istream<char,std::char\_traits<char>> &std::basic\_istream<char,std::char\_traits<char>>::getline(\_Elem \*,std::streamsize,\_Elem)' : cannot convert argument 1 from 'std::string' to 'char \*'

2 IntelliSense: no instance of overloaded function "std::basic\_istream<\_Elem, \_Traits>::getline [with \_Elem=char, \_Traits=std::char\_traits<char>]" matches the argument list

argument types are: (std::string, int)

object type is: std::istream

C. legal

D. legal

28.

A. legal

B. legal

C. legal

D. illegal

Error 1 error C2440: '=' : cannot convert from 'const char [5]' to 'char [20]' 2 IntelliSense: expression must be a modifiable lvalue

29.

X= sine(angle1) + cosine(angle2);

30. y = pow(x, 0.2); // 0.2 is equal to 1/5

31. luckyNumber = rand() %100 +1;

RQ

1. A. cin>>description;

B. getline(cin,description);

1. –
2. A. cin>> setw(25)>>name;

B. cin.getline(name, 25);

1. –
2. iostream and ionamip
3. –
4. A. Price =12 \* unitCost;
5. Cout<< setw(12)<<98.7;
6. Cout<<12;
7. ---
8. A. a=12\*x

B. x =5\*x+14\*y+6\*k;

C. y = pow(x,4);

D. g = (h+12)/(4\*k);

1. –
2. ---
3. ---
4. const int RATE =12;
5. ---
6. east=west=north=south =1;
7. ---
8. No const in DAYS\_IN\_WEEK =7;
9. ---
10. cout<<fixed<<showpoint<<setprecision(4);

cout<<setw(12)<<profit;

1. ---

RQ 21

cout << "\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* " << endl;

cout << " RQ 21 " << endl;

/\*

input score1

input score2

input score3

average = score1 +score2+score3)/3.0

display average

\*/

cout << endl;

cout << endl;

RQ 23

cout << "\n\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* " << endl;

cout << " RQ 23 " << endl;

/\*

input maxCredit

input creditUsed

availableCredit = maxCredit - creditUsed

display availableCredit

\*/

25.