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CSI 130-01CA

Pg. 3-25:2ab, 5, 6

09/08/2014

2A.)

int n = 0, ans = 0;

cout << "Enter an integer." << endl;

cin >> n;

ans = n % 2;

if ( ans == 0) {

cout << "Even";

}

else {

cout << "Odd";

}

system ("PAUSE");

return 0;

2B.)

int n = 0,Ans = 0, J = 0;

cout << "Enter an integer." << endl;

cin >> n;

Ans = 1;

J = 0;

while ( J <= n) {

Ans = Ans \* J + Ans;

J = J + 1;

}

cout << Ans << endl;

system ("PAUSE");

return 0;

5.) An algorithmic solution can be expressed as a series of steps.

6.) A heuristic solution is found through trial and error techniques.