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Box Office

START

include iostream, iomanip, string

using namespace std

int main

string movie\_name

const double ADULT=10, CHILD=6, PROFIT= 0.20;

int TIX\_adult, TIX\_child

double total, per\_TIX;

cout “What is the name of the movie?”

cin movie\_name

cout “How many adult tickets were sold?”

cin TIX\_adult

cout “How many children tickets were sold?”

cin TIX\_child

total = ( TIX\_adult \* ADULT ) + ( TIX\_child \* CHILD );

per\_TIX = total \* PROFIT;

cout << setprecision(2) << fixed;

cout << "Movie Name: " << movie\_name endline

cout << "Adult Tickets Sold: " << setw(9) << TIX\_adult endline

cout << "Child Tickets Sold: " << setw(9) << TIX\_child endline

cout << "Gross Box Office Profit: " << setw(8) << total endline

cout << "Net Box Office Profit: " << setw(9) << per\_TIX endline

END