import java.util.Scanner;

public class Main

{

public static void main(String[] args)

{

final double baseTicketPrice = 10.0;

Scanner scanner = new Scanner(System.in);

while (scanner.hasNext())

{

int age = scanner.nextInt();

if (age < 0)

{

System.out.println("Invalid input. Age must be greater than zero");

}

else

{

double newTicketPrice = baseTicketPrice;

if (age < 12)

{

// Then give the customer a discount of 10% on the ticket

newTicketPrice -= baseTicketPrice \* .1; // Same as doing newTicketPrice = newTicketPrice - baseTicketPrice \* .1

}

else if (age < 18) // Customer is older than 12

{

// Give customer a discount of 5%

newTicketPrice -= baseTicketPrice \* .05;

}

else if(age < 33)

{

newTicketPrice -= baseTicketPrice \* .01;

}

switch (age)

{

case 20:

newTicketPrice -= baseTicketPrice \* .35;

break;

case 33:

newTicketPrice -= baseTicketPrice \* .66;

break;

case 50:

newTicketPrice -= baseTicketPrice \* .1;

break;

default:

System.out.println("Didn't match up with any of the cases");

break;

}

System.out.println("Customer should be charged $" + newTicketPrice);

}

}

}

}