**074 冯春霖**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace test1

{

class Program

{

static void Main(string[] args)

{

const double d\_emailcost = 0.02731, d\_webpagecost = 0.38912, d\_videocost = 3.00373, d\_moviecost = 68.26667, d\_musiccost = 1.00124, d\_appcost = 34.98667;

double d\_email, d\_webpage, d\_video, d\_movie, d\_music, d\_app, d\_total;

Console.WriteLine("In a typical per day, how often do you do these activities");

Console.WriteLine("while you're not connected to Wi-Fi?");

Console.WriteLine();

Console.WriteLine("Emails:");

Console.WriteLine("0 5 25 50 100 250+");

Console.Write("How many emails (without attachement) do you send/receive? ");

d\_email = Convert.ToDouble(Console.ReadLine()) \* d\_emailcost;

Console.WriteLine();

Console.WriteLine("Web browsing:");

Console.WriteLine("0 5 25 50 100 250+");

Console.Write("How many pages do you visit (including Facebook)? ");

d\_webpage = Convert.ToDouble(Console.ReadLine()) \* d\_webpagecost;

Console.WriteLine();

Console.WriteLine("Video / movie streaming:");

Console.WriteLine("0 5min 15min 30min 45min 1hr+");

Console.Write("How much time do you spend watching videos? ");

d\_video = Convert.ToDouble(Console.ReadLine()) \* d\_videocost;

Console.WriteLine();

Console.WriteLine("HD movies:");

Console.WriteLine("0 1 2 3 5 15");

Console.Write("How many HD movies do you download? ");

d\_movie = Convert.ToDouble(Console.ReadLine()) \* d\_moviecost;

Console.WriteLine();

Console.WriteLine("Music:");

Console.WriteLine("0 5min 15min 30min 45min 1hr+");

Console.Write("How much music do you stream or download? ");

d\_music = Convert.ToDouble(Console.ReadLine()) \* d\_musiccost;

Console.WriteLine();

Console.WriteLine("Apps / games:");

Console.WriteLine("0 1 2 3 6 10+");

Console.Write("How many HD movies do you download? ");

d\_app = Convert.ToDouble(Console.ReadLine()) \* d\_appcost;

d\_total = (d\_email + d\_webpage + d\_video + d\_movie + d\_music + d\_app);

Console.WriteLine();

Console.Write("Based on your answers, your estimated data usage per month is: " + "{0:n2}", (d\_total \* 30 / 1024 + 0.009));

Console.WriteLine(" GB per month");

Console.WriteLine();

Console.Write("Emails (" + "{0,5:n2}", Convert.ToInt32(d\_email / d\_total \* 100));

Console.WriteLine("%)");

Console.Write("General browsing (" + "{0,5:n2}", Convert.ToInt32(d\_webpage / d\_total \* 100));

Console.WriteLine("%)");

Console.Write("Video / movie streaming (" + "{0,5:n2}", Convert.ToInt32(d\_video / d\_total \* 100));

Console.WriteLine("%)");

Console.Write("HD movie (" + "{0,5:n2}", Convert.ToInt32(d\_movie / d\_total \* 100));

Console.WriteLine("%)");

Console.Write("Streaming music (" + "{0,5:n2}", Convert.ToInt32(d\_music / d\_total \* 100));

Console.WriteLine("%)");

Console.Write("Downloading apps (" + "{0,5:n2}", Convert.ToInt32(d\_app / d\_total \* 100));

Console.WriteLine("%)");

}

}

}