box on his bike. He charges $2.00 per mile.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Schedule | Hours | | Max Miles | Refrigerated | Charge/Mile | Total Charge/Miles |
| Bobby(C1) | 9am-1pm | 4 | 5 | | Yes | US1.75 | US$8.75 |
| Martin(C2) | 9am-5pm | 8 | 3 | | No | US$1.50 | US$4.50 |
| Geoff(C3) | 10am-4pm | 6 | 4 | | Yes | US$2.00 | US$8.00 |

Sweet Treats needs to select the cheapest courier based on:

       Working hours of the courier

       The distance between the store and the customers location

       Is refrigeration is required

Create an application to help Sweet Treats select the best courier. Inputs to the application are:

1.     time of day the order is ready to be shipped

2.     the distance of the required delivery

3.     an indicator as to whether refrigeration is required

**Delivery information**

Date:\_\_\_/\_\_\_/20xx

Hour:\_\_\_:\_\_

Miles:\_\_\_\_\_ (Maximum 5) Screen

Refrigerated Confirmed

Delivered By: Bobby Martin Geoff

If Non Refrigerated and miles <=3 Select Martin=1

If Hour < 10 and miles >3 Select Bobby=2

If Hour is < 10 and Refrigerated Select Bobby

If Hour is >1pm and Refrigerated Select Geoff=3

If Hour is >1pm and Miles>3 Select Geoff

Report select by date

Sorted by (Cost Total Miles)Descending, Date, Name

Date Name Unit Cost/Mile Miles Total Cost/Miles

xx/xx/xxxx xxxxxxxxxxxxxxxxxxxxxxxxxxxx 9.99 9.99 99.99