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| **Blackbox Test Cases** | | | |
| Sno | Data | Expected Result | Description |
| Test 1 | Struct Point destination = {7,24}  Package.weight = 10  Package.vol = 0.5 | 4 | if the function returns 4  when destination is closest to green route |
| Test 2 | Struct Point destination = {10,12}  Package.weight = 100  Package.vol = 0.5 | 2 | if the function returns 2  when destination is closest to blue route |
| Test 3 | Struct Point destination = {15,0}  Package.weight = 40  Package.vol = 0.25 | 8 | if the function returns 8  when destination is closest to yellow route |
| Test 4 | Struct Point destination = {22,1}  Package.weight = 1000  Package.vol = 1 | –1 | if the function returns –1 when  shipment cannot be delivered today. |
| Test 5 | Struct Point destination = {15,0}  Package.weight = 40  Package.vol = 0.25  Trucks[2].cargoWeight = 1000; | 2 | The package is closest to yellow (symbol 8)  but is full. . |