Computer Programming Date: 10/28/2023
Assignment 1: -> Eshal Atif
Problem Solving 01-131232-023
-> Sbtisam Abid
01-131232-035
Question 1: Finding the Shootest path.
The state of the s
1 Start with Source position and Set
The distance of Source position initially
as 0 and all others distance to
Antinity.
a) visit each neighbour of the same Source
location and then again neighbour to
neighbour update their tocation distance
as infinity to n.
3 Now visit any neighbour location
and mark the Current location as
visited my panal and tolling the
4) for each unvisited neighbour, update their
location distance from the source position
if the Current path is Shorter than the
previously recorded distance.
B Repeat 2-4 Until you reach the final
location.
6) Once you reach the final destination
Add the Shorter distance from each
location to final to find the
Shortest path.
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Date:
O#4 Invertory management.
1 Start Inventory:
Create a data
Structure of Anventory.
(a) Add Hems to Inventory:
- Verify if a new item is already in the inventory, update its
in the inventory, update its
Quantity.
1 - If it is not in the inventory,
Create a new inventory with the
item information.
(3) Remove Jem from the inventory:
lako
an Han Out from the inventory
when it is sold or stocked out.
(4) update Inventory:
If an item
already in the inventory has to
have its amount adjusted, locate then
and update its Quantity.
(5) Greate Report of inventory:
Browse
the inventory and print each item's
clata including its amount and all
the details to Create a report.
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