Analysis of Algorithm		
Nousse Daniyal Asghar CAP		
(QNO 1)		
Solution:		
Riphah 1-14- to Home		
Step: Read (Start Location, Distination) Current Contion = Start Location.		
Step 2: (exit uni, & gn to Cyclora more)  Move Pithah to (aM  (Distance covered & 21cm)  Distance covered & 3km		
current loc Golara more Step 3: (go west side toward Tarnot) go streat \$ 10 km.		
= Townol Total distence 212km  Step 4: Take U-Turn Tarnol & Dist		1km
Step 5 distance completed & 1 km Total distance coupled & 1 km	Km	
2 13 jem. Cutvent Location is = Tournot	U-R	108 h

Step 5: (laking U-ture go (som instant)  go toward John Hoad  go strept (som.  . distence covered = Total + (soom  Total phiteres = 13.5 (sm.  current locationits of John road  Step 6: [Move John road to kashine chack]  Toward (kashinire institute)  go straight = 4 (km.  distence covered Total + 4 (km.  Total distence covered = 17.5 km.  current location is = Isoshmire chack  Step 7s (kashinire chack to HOMG)  go total distence = 17.6 (km.  Current location = 17.6 (km.  Current location = Home  Step 8:  Show ("Total distence")  Show ("Total distence")  Line 17.6 (km.  Step 9: (finish)  Exit,	
Step 5: (taking U-ture go (coministration of toward John Stoom.  distence covered = Total + (come total) plus tence was 13.5 (cm cursent locationits of John voad.  Step 6: (Move John voad to keshine crock)  Toward Kashmire ithiorists  ge straight & 4 km  distence covered Total + 4 km  Total distence covered 17.5 (km  currentlocation is = Koshmire chock  Step As (Kashmire chock to HOME)  ge total voad of the soud  21000 reach thome.  distence covered Total + 10000  Tatal distence = 17.6 (cm.)  Step 8:  Show ("Tatal distence")  17.6 (km.)  Step 9: (Finish)	Market de la constant
go streyt Soom.  distence covered = Total + Soom  Total, plutence = 13.5 (Sm.  Cursent locations = John road.  Steps. (Move John road to kashine chick)  Toward Kashmire invitation  go straight = 4 Km  distence covered Total + 4 Km  Total distence covered = 17.5 Km  cursent location is = Koshmire chock  Step As (Kashmire chock to HOMG)  go takingo lift stole road  = 100m reach tlome:  distence covered = Total + 100m  Tatal distence = 17.6 Km  Cursent location = Home  Step 8:  Show ("Tatal distence")  Show ("Tatal distence")  1 17.6 Km.	
distence covered = Total + (som  Total politence = 13.5 (cm  current locationits = John road =  Steps: (Move John road to kashine chock)  Toward Kashmire : Misiola.  ge straight #4 (km  distence covered Total + 4 (km  Total diffence covered = 17.5 (km  current location is = Koshmire chock  Step As (Kashmire chock to HOME)  ga total go (itt side soad  #100m reach flome  distence covered = Total + 100m  Tatal diffence = 17.6 (km)  Current location = Home  Step 8:  Show ("Tatal distence")  Show ("Tatal distence")	Step 5: (taking U-turn go soom istants go toward John Hoad
Total politence is 13.5 (cm)  Cursent locationits of John road.  Step 6. Move John road to kashine chock)  Toward Kashmire initialist.  go straight if y km  distence covered Total + 4 km  Total distence covered is 17.5 km  currentlocation is = Koshmire chock  Step As (Kashmire chock to HOME)  go tokingo lift side road  is soon reach thome.  distence covered Total + 100m  Tatal distence = 17.6 km.  Current location = Home  Step 8:  Show ("Tatal distence")  17.66 km.  Step 9: (Finish)	go strept Soom.
Cursent locationits of John road.  Step 6. (Move John road to Kashine chock)  Toward Kashmire Mischen  go straight Ky Km  distence covered Total + 416m  Total distence covered I 7. (Km  currentlocation is a Koshmire chock  Step 7: (Kashmire chock to HOMG)  go tatingo lift side soad  x 100m rach tlome  offstence covered Total + 100m  Tatal distence = 17.6 (cm -  current location = Home  Step 8:  Show ("Tatal distence")  17.6 (km.	
Step 6. (Move Johd road to kashine chock)  Toward Kashmire ithiopia.  go straight & y Km  distence covered Total + y/cm  Total distence covered 17. (Km  constent location is = Kashmire chocks  Step As (Kashmire chock to HOME)  go taking o lift side soad  2 1000 Rach tlomes  distence covered = Total + 10000  Tatal distence = 17.6 (cm -  correct location = Home  Step 8:  Show ("Tatal distence")  17.6 (Km.	
Toward Kashmire ithister.  go straight & 4 Km  distence covered Total + 4 Km  Total diffence covered & 17.5 Km  coverent location is = Koshmire chock  Step As (Kashmire chock to HOMG)  go takinggo lift side road  2100m reach Home.  distence covered - Total + 100m  Tatal diffence = 17.6 Km  Current location = Home  Step 8:  Show ("Tatat distence")  Show ("Tatat distence")  17.66 Km.  Step 9: (Finish)	TO SERVICE SER
go straight & 4 Km  distence covered Total + 4 Km  Total distence covered Total + 4 Km  currentlocation is = Koshmire chock  Step As (Kashmire chock to HOME)  go takinggo lift side road  z 100m reach thome.  distence covered = Total + 100m  Tatal distence = 17.6   cmr  current location = Home  Step 8:  Show ("Tatat distence")  Show ("Tatat distence")  Step 9: (Finish)	
Aistence covered Total + 416m  Total distence covered 7.56m  currentlocation is = Koshmise chock  Step As (Kashmire chock to HOMG)  go totaggo lift side road  2100m reach tlome.  distence covered - Total + 100m  Tatal distence = 1706  cmr  current location = Home  Step 8:  Show ("Tatal distence")  1706  cm.  Step 9: (Finish)	이 집에 있는데 그렇게 하는데 그런데 그렇게 되었다면 되었다. 그런데 그렇게 그렇게 되었다면 하셨다면 하셨다면 하셨다면 하셨다면 하셨다면 하셨다는데 나를 내려서 되었다. 그 나를 다 그리고 그렇게 다 그렇게 되었다면 하셨다면 하셨다면 하셨다면 하셨다면 하셨다면 하셨다면 하셨다면 하셨
Total diffence covered = 17.5 km  current location is = Koshmire chock  Step As (Kashmire chock to HOMG)  go taking of lift side road  = 100m reach thome.  distance covered = Total + 100m  Tatal diffence = 17.6 km.  Current location = Home  Step 8:  Show ("I'm reached Home").  Show ("Tatal distance")  17.66 km.	distance covered Total + 41km
Step As (Kashmire chock to HOME)  go totaggo lift side road  z 100m reach tlome.  distence covered = Total + 100m  Tatal distence = 17.6  2mm  current location = Home  Step 8:  Show ("Tatat distence")  Show ("Tatat distence")  Step 9: (Finish)	
go takinggo lift side soad  2100m rach flome:  distence covered. Total + 100m  Tatal distence = 1706  cm -  current location = Home  Step 8:  Show ("I'm reached Home").  Show ("Tatat distence")  1706  cm.	
Step 9: (Finish)	Step As (Kashmire chock to HOME)
Step 9: (Finish)	go tadango litt side soad
Show ("Tatat distence")  Step 9: (Finish)	≈100m rach flome.
Step 8:  Show ("I'm reached Home").  Show ("Tatat distence")  1706 km.  Step 9: (Finish)	
Show ("I'm reached Home").  Show ("Tatat distence")  1706 km.  Step 9: (Finish)	
Show ("I'm reached Home").  Show ("Tatat distence")  1706 km.  Step 9: (Finish)	
Show (" Tatat distence")  1 1706 km.  Step 9: (Finish)	Step 8.
Step 9: (Finish)	Show (I'm reached Home ).
Step 9: (Finish)	CA INThat leton 12)
Step 9: (Finish)	Show ( land distance)
Step 9: (Finish)	117.44
	2 (160 Km.
Exit,	Step 9: (Finish)
	Exit
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	and the second s
East of Algorithm:	
a. Variable:	
Start advocation	
Distination	
Lurrant Location :: 120.	
Distance covered	
b. Input Statement:	-
read ( start location, F	estination
. Calculation.	
Total Distance = Distance Covered + 2 12m	
Tatal Distance & Distance overed + 10 1cm	
Total Dytomas Dytomolarted + 18 1cm	
Total Distene= DistenceCovered +	DEM .
Total Distances Distance Covered + Som	4×m
Total Distance = Distance lovered + 100 m	
d. Output Statement	
Showl" I'm reached Home")	The second secon
Showly Total distance	
Currentloc - Startloc	
1 - Golara mora	
) = Tainol	
Tarnol U-turn	
= John road	
1 =   (ashmire rhock	1
(votendlor = Home.	
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East of Algorithms:	
(Q No 2) :9/doint . A	
(SENS Z)	
Algorithm: Square Root (n)	
Step 1: Start: (Reed input)	
Read Im (n)	
Set n=n/2 (initial guess) Step 2 (Iterate):	
Step 2 (Iterate): 1000	
u=(n+n/n)/2	
State of the state	
Step3 (output	
write ("Supare Root of nis a")	
Step 4: Finishman.	
Exit,	
and the second	

DATE://	 
mail well a strait	
Ono 3	
21 d x 14x 15 /	
Algorithm:	
Step 1:	
Read (1ist 1, 1ist 2, m, n)	
Set 1=1, J=1	
(reate 19st Result.	
Step 2: Lcompais elements)	
Repeat while is m and ish	
-> if 1:8/1[i] == 1:5/2 (J) thene	
· Append list (1) to Result.	
01=1+1, 8=1+1,000.6	
> Else : + 1:st [ [ ] < 1:st 2 [ ] + he	
) j=j+1, d	
-> Else	
. 5-5+1	
Step 3: (out put)	
write ("comman element are: Resalt)	
Step 4 (Finish)	
Exit.	
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