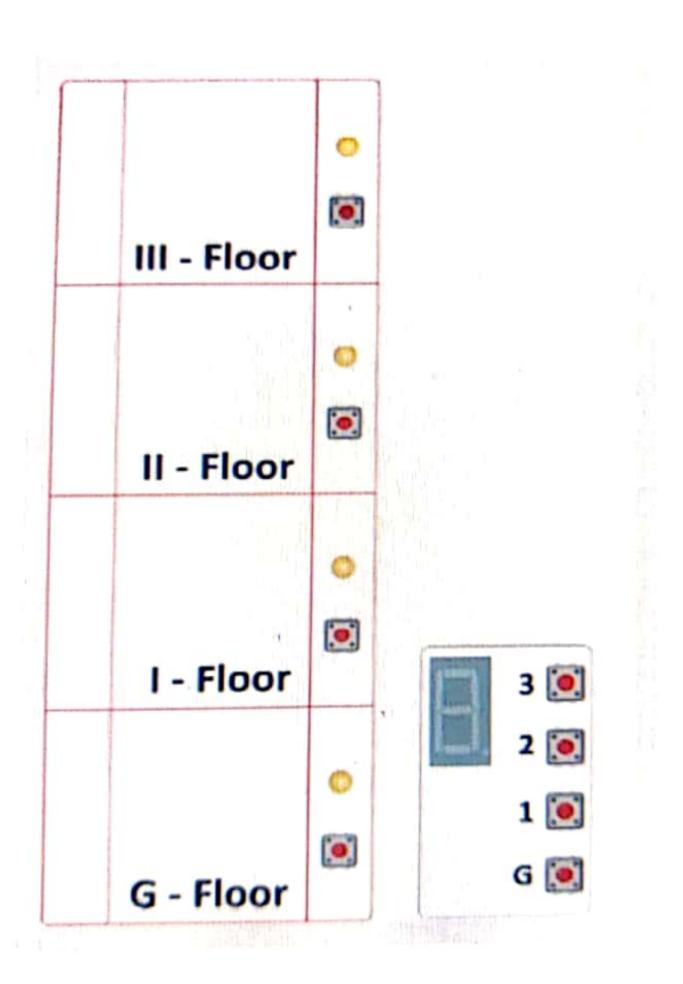
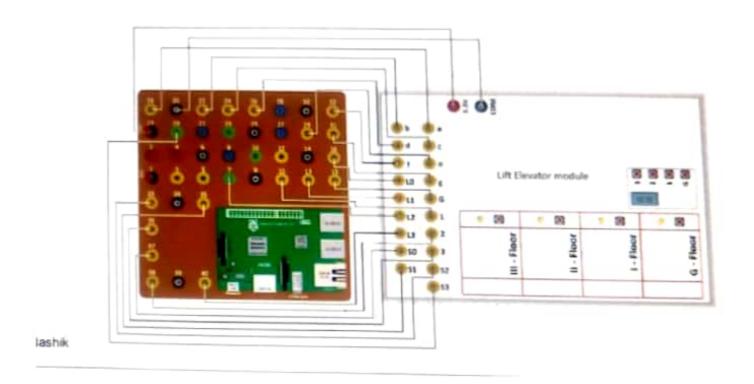
TEA	Nikita Bhosale GURUKUL Pago No.
ROLLNO!	17 Assignment No! 9 Date 1
	Aim: wan application using Rasphersy Pi Beaglboa,
4	to control the operation of his simulated life
7/1	evarelevator filit elevator simulation using
CPC 1	Raspberry pi board
- / 1	The time sungary on this can be of
	Theory: entermonet moved to that of about
0	lift elevator module has 2 parts.
0+1	moving posts inside the lift and stationary
	Ports outside the lift at earth floor to all the lift
	- In the simulation module we have consider 4
	floors of building
	- so the moving post contains 4 push buttons
	one button is for each floor
	- The moving past contains the seven seg
	display indicating the current floor no while lift is moving.
wit line	- By pressing one of these buttons was indicate
	the destination floor
6	- At each Ploor the Stationary Port contains a.
	button for calling the lift
	- when wift is called by any floor the lift storts
	moving towards the Particular floor when it reaches there door is opened
	TO DUS MODILLE HAIC CHICAGO IS
	- In our modure this situation is indicated.
	- In real lift as room on the entering users get
1	finished the door is closed and the lift storts
	moving towards the destination
weit	- In our module this situation is indicated by
	LED OFF MAN MORNING MAN DE MAN





Approx.	Ol : OD THE MILE GURUKUL Page No.
	Date
0	Safety Precoution:
1000	- First make all connection as given below.
136169	- Power supply
	A service of earl service -
3	steps for assembling the circuit!
	- connect all the Pins of lift elevator module
	to pins of Raspberry pi module ous shown is
	above figure
520 11	The Top Platform and Suites at companion
(4)	moredure it say system to the stress of their
	- conte the frog as per given algorithm
par s	- save program of program and account
0	- Run code using run module
	COSHER SIPPLE D
3	Algorithm! of the fit is distant to see seems
VIII	IMPORT CIPTO and time libraries
110	set appo mode as per board him he
	Declare 4 push button pin of Stertionary part
-	Declare 4 LED pin at each floor for detection.
-	Declare 4 Push button 'Pin of moving past
	Declare 7 pin of 7 segment display
SALTON	set push button pin as ilp
	1 3 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
-	Store in carried in the segment
	In while loop for button 1 is pressed lift out floor 1
	and LED OF Floor 1 get ON for 5 sec then goes ofr
	The 7 seg pisplay displays the Ploor no of destination
7	Observe the oir on LED and 7 segment display
	manage antimited no. of connected device
	conclusion: thus we have created an simulated
	lift elevator wing Roypberry pi bourd