

S No:	Just example list .
1	Write a C program to sort a given array of numbers in ascending order using Bubble Sorting algorithm show that it is working on on Raspberry PI.
2	Write a C program to implement Singly Linked List show that it is working on on Raspberry PI.
3	Write a C program to implement a Bus Reservation System show that it is working on on Raspberry PI.
4	Write a Verilog HDL program to a sequence detector circuit to detect the following sequence "101101" show it on FPGA KIT
5	Write a Verilog HDL program to implement an elevator controller system show it on FPGA kit
6	Implement a traffic light controller system on ZedBoard FPGA
7	Interfacing Peripheral modules with ZedBoard and their study
8	Make any individual project on Arduino
9	Make mini project on any project kit
10	Write a Python program to create a menu for doing different arithmetic operations, receive user input and perform the operations accordingly on raspberry Pi
11	Write a Python program to study file handling on raspberry pi
12	Do any individual project on any robotics kit
13	Use any of the below embedded kits for developing your application and show code written with functionality 1.Pynq Z2 Development Board 2.AT89C51 Microcontroller 3. ARM LPC 2148 4. ZYNQ Zed Boards 5. Arduino Uno Boards 6. Raspberry pi board 7. Nvidia Jetson Nano Boards
***	Evaluation criteria – Independent work , originality , project documentation(Presentation type pdf) , wholistic understanding , crisp and clear problem solving and handling Q & A if needed . Maximum marks 30

List OF EXPERIMENTS SOFTWARE FOR EMBEDDED SYSTEMS