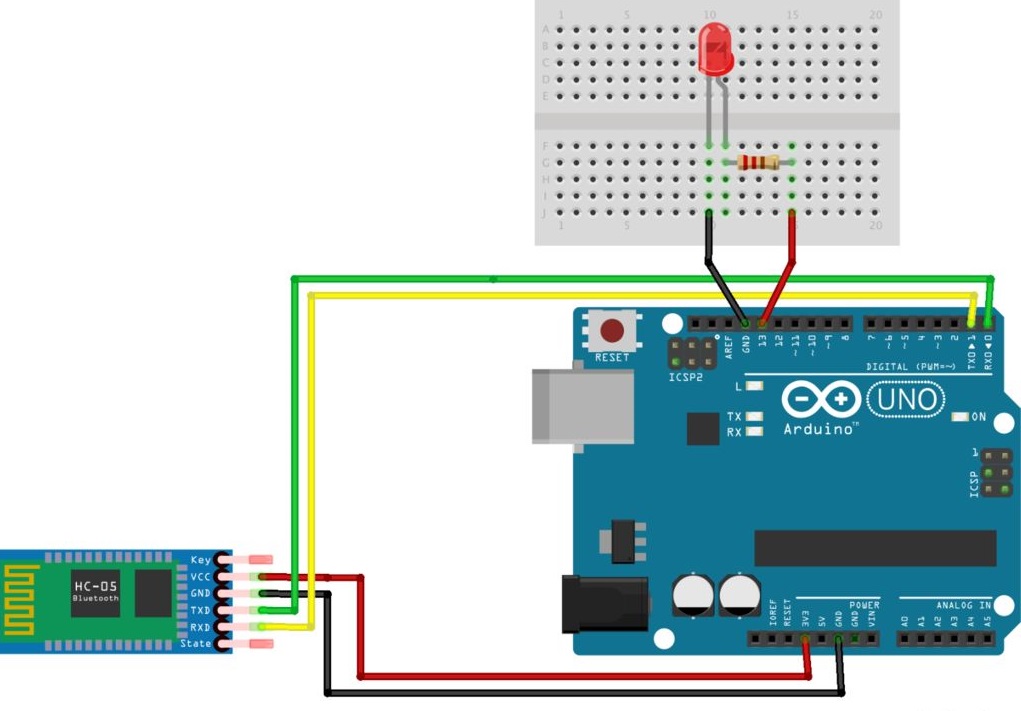
DESIGN AN SMART PHONE CONTROLLED LED

Smart phone controlled led:



Theory:

CONCEPT USED:

➢ By using kirchoff’s voltage law &

➢ By using kirchoff’s current law

LEARNING AND OBSERVATIONS:

• Connections in Breadboard and wiring.

• How to control arduino and its coding. •

Use of multimeter for continuity.

OBSERVATION:

➢ Blinking of an LED as the command is given on the phone

➢ Relation between software and hardware.

PROBLEMS & TROUBLESHOOTING:

o To select the right port and type of arduino

o To check the loose connections

o To check the connections according to the codes

o To check the continuity of the circuit

o To check the flow of current in the circuit

PRECAUTIONS:

o Handle tools carefully

o Wear gloves

o Do not connect arduino till the circuit is complete

OUTCOMES:

o On and off of an LED as per the command given by the user on the smartphone device

o Used in project works