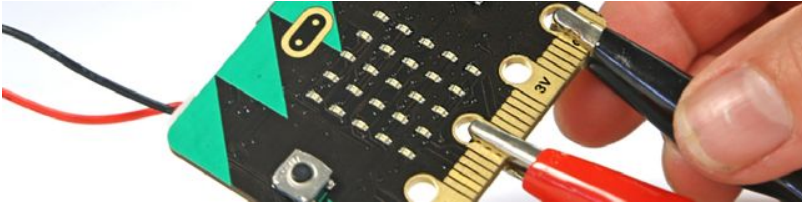


# AlgoHack

## micro:bit quick



### Authors

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N P Vishva Kumara



*AlgoHack aims to teach Computer Science and Programming to young people, initiated by Shilpa Sayura Foundation, supported by GOOGLE RISE and Computer Society of Sri Lanka.*

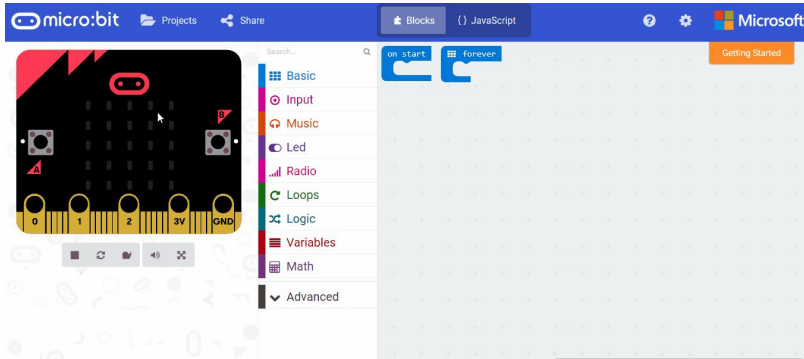
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## Step 1:

Goto <http://makecode.microbit.org>

Build a new program and name it “heart”.



We can see 2 blocks in the compiling interface.

“On Start” is for initial block runs only once.

“Forever” is a continuously running block.



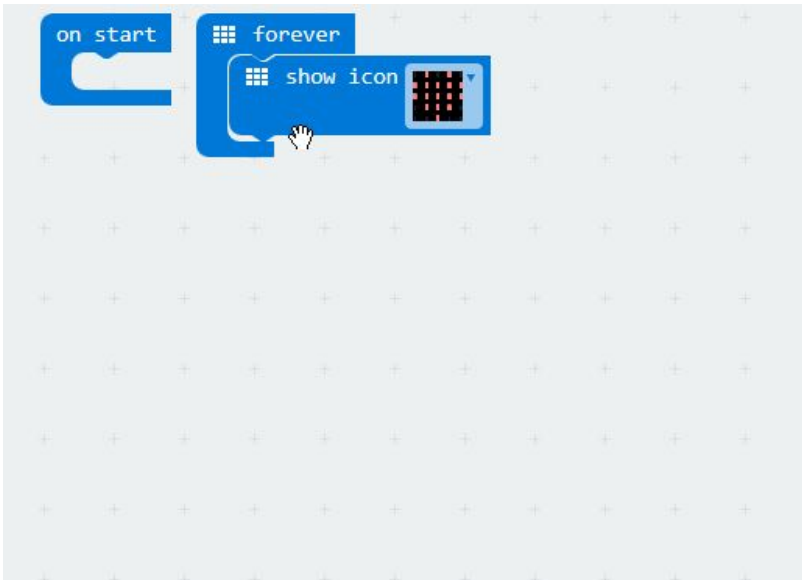
## Step 2:

Choose “show icon” in “Basic” block, drag it with your mouse and embed it into block “forever”.

### Step 3:

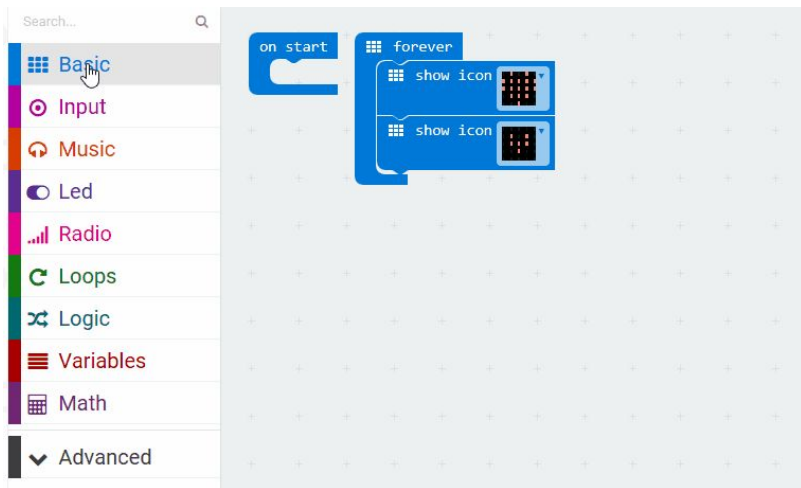
Copy block “show icon”

Now choose pattern “heart” in the drop-down list.

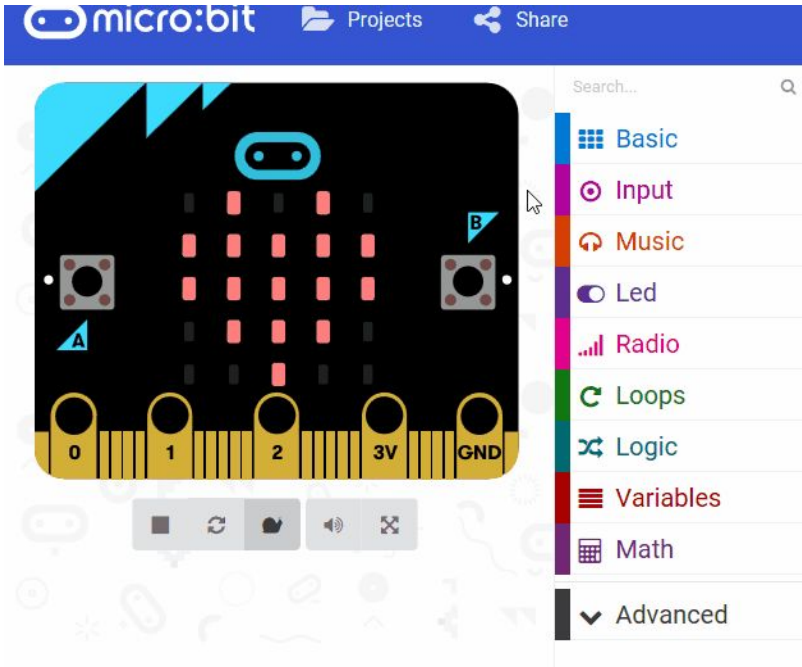


### Step 4:

Add a delay to prevent too fast rotation with pause.



Now you have completed the program.  
You can see program operation in the simulator.

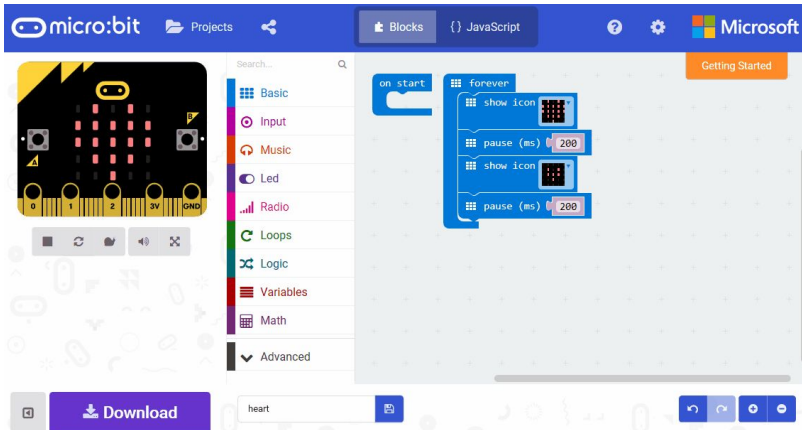


### Step 5:

Now click download to download your program to your computer. In windows it goes to your download folder.

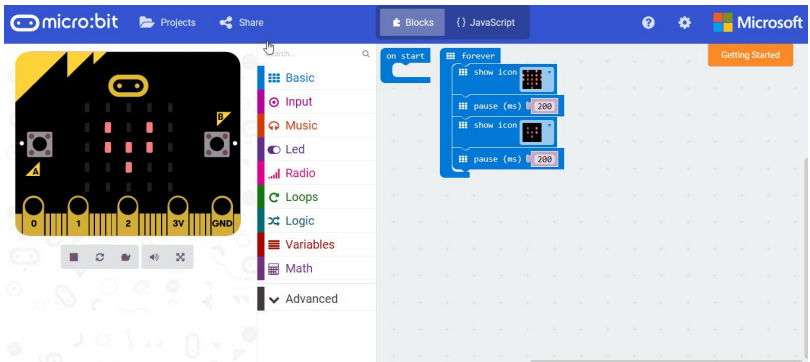
## Step 6

Drag and drop program to microbit in your drive list.



Then you see your program runs automatically in microbit.

You can use “share” to send the program link to your friends.





කැමරා චිත්‍රය  
කැමරා වෙළඳාම  
කැමරා තැනක  
චිත්‍රගත ශ්‍රවණ ගත  
පාඩම් සහ ප්‍රශ්න

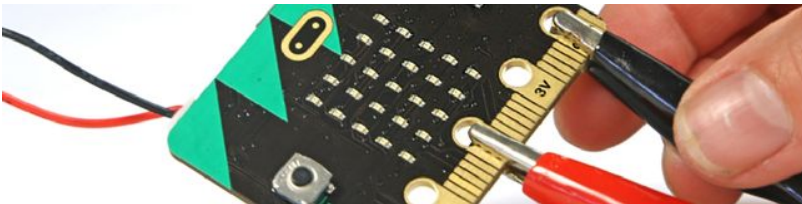
**Shilpa64.lk**



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**Niranjan Meegammana & N P Vishva Kumara**





