



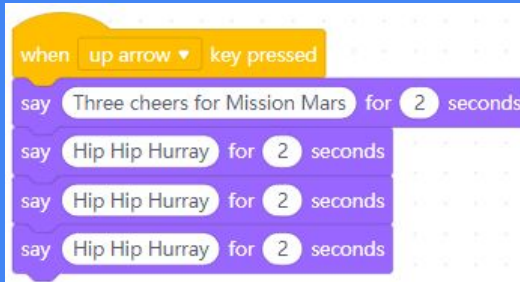
Welcome to **Mission Mars**

Text Module – Part 2/2



MODULE 2

Saving the Codes



A screenshot of Scratch code blocks. The first block is a yellow "when green flag clicked" block. The second block is an orange "when up arrow key pressed" block. The third block is a purple "say" block with the text "Three cheers for Mission Mars" and a duration of 2 seconds. The fourth, fifth, and sixth blocks are purple "say" blocks with the text "Hip Hip Hurray" and a duration of 2 seconds each.

```
when green flag clicked
when up arrow key pressed
say Three cheers for Mission Mars for 2 seconds
say Hip Hip Hurray for 2 seconds
say Hip Hip Hurray for 2 seconds
say Hip Hip Hurray for 2 seconds
```



Need for Saving Project Codes

Codes are made for:

- One time use especially while learning.
 - For sharing with another student, teacher, friends or parents.
 - Using the code in the next project you make.
 - Making your own Code library.
 - Participating in competitions.
- 
- 

Similarly for Mission Mars:

Codes need to be made for:

- One time use especially in the initial learning & design stage.
- For sharing with other programmers of the mission.
- Integrating them with hardware.
- Using the code in other mission modules.
- Making the Project Mars Code library.
- Use in future Missions.



**For this Codes need to be
Saved**



mBlock 5 gives us two saving options:

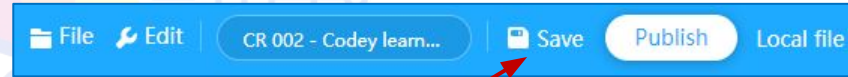
- **Save on Web or cloud.**
- **Save on PC.**

Save on PC is the preferred method in the learning stage.

Let us See these Two Options

See the top menu bar of mBlock 5:

- **File** gives option to **save on PC**.
- **Save** gives the option to **save on the web**.
- Have you all seen the two?



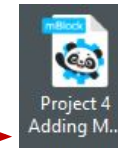
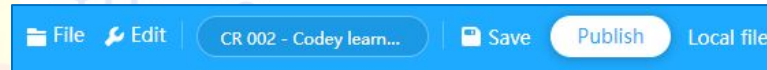
A decorative butterfly with a colorful, segmented body (blue, purple, yellow, orange, red) and circuitry patterns on its wings, located in the top-left corner.A decorative butterfly with a colorful, segmented body (blue, purple, yellow, orange, red) and circuitry patterns on its wings, located in the top-right corner.A large decorative butterfly with a colorful, segmented body (blue, purple, yellow, orange, red) and circuitry patterns on its wings, centered behind the title.A decorative butterfly with a colorful, segmented body (blue, purple, yellow, orange, red) and circuitry patterns on its wings, located in the bottom-left corner.A decorative butterfly with a colorful, segmented body (blue, purple, yellow, orange, red) and circuitry patterns on its wings, located in the bottom-right corner.

Procedure for Saving on PC

Procedure for saving on PC.

To save locally on PC:

- In Top bar click on file.
- In dropdown select **Save to your computer.**
- It asks for **saving location.**
- Specify location & give the code a **name.** →
- Code gets saved on PC.





Now:

- **Make a two line Code.**
- **Save it on your PC.**

Who will now show the saved code to me?





Procedure for Saving on the Web

Procedure for saving on Web.

To save on web:

Select save.



This window opens.

It has two options:



- Log in with Makeblock account. If you have a Makeblock account, select log in and save.
- If you do not have an account, you need to create one by selecting Signup.

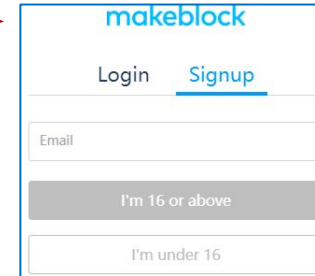
Would anyone like to give it a try?

let me explain the Procedure.

On selecting Signup, this window appears.

Follow the following steps:

- Enter details.
- Agree to terms & conditions.
- Create a password.
- Select **Get Code**. A verification code will come on you email.
- Enter the code in given box.
- Click on sign up.



The screenshot shows the 'makeblock' website's signup interface. At the top, the 'makeblock' logo is in blue. Below it, there are two tabs: 'Login' and 'Signup', with 'Signup' being the active tab. Under the 'Signup' tab, there is an input field for 'Email'. Below the email field is a grey button labeled 'I'm 16 or above'. At the bottom, there is a white button labeled 'I'm under 16'.

Your Makeblock account is created & ready to use. **Try in your own time.**

Once the account is created follow the steps:

- Select login.
- To save the project, click on Save.
 - ✓ It asks for name.
 - ✓ Give it a name.
 - ✓ The project will get saved.

Try in your own time.



**Saving on PC is the most used
Method**

Applicability of the Saving Procedures.

These two saving procedures apply to:

- Saving of all project codes made using **sprites**.
- Saving of sprites, backdrops & sounds made for **my library**.
- Saving of all project codes made using **devices**.

Consolidation Project:

The project story is:

- *There is a boy (boy 2) walking down a street (street4).*
- *He is thinking:*
 - ✓ *“I have a long way to go”*
 - ✓ *“It will be nice if I meet a friend”*
- *As he is thinking, he meets a friend. They start talking:*
 - ✓ *Hello how are you.*
 - ✓ *I was going to the market. Want to come along?*
 - ✓ *Even I have some work in the market. But tell me which market are you going.*
 - ✓ *Is it City Market.*

Save the project on your PC. Who will show it?



Now:

- ***Open the Project in mBlock 5.***
- ***Export the code as an image to your PC.***
- ***Send it as a message on the WhatsApp group of the course.***

Who will do & show it?





Mission Mars Learning Status - Modules Crossed

1. **Foundation**

2. **Text**

3. Movement

4. Positioning

5. Sound

6. Mars Rover -1

7. Sequencing

8. Looping

9. Decision Making

10. Mathematics

11. Logical Comparison

12. Mars Rover - 2

13. Sensing & Broadcast

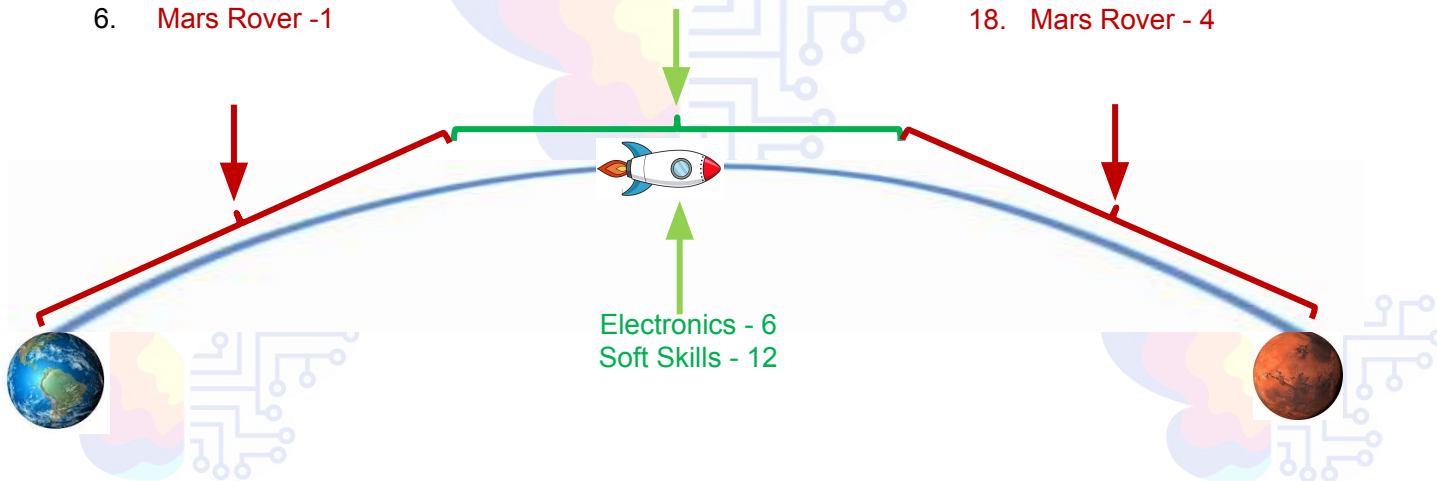
14. Animation

15. Gaming

16. AI & IoT

17. Mars Rover - 3

18. Mars Rover - 4



End of Part 1 Module 2



Code Karega India Badhega