



THE DARIU FOUNDATION  
*Investment In Empowerment*

# CODE LITERACY

## THE NEW NORMAL

```
modifier_ob.modifiers.new("mirror")
mirror_ob.mirror_object = mirror_ob

operation == "MIRROR_X":
    mirror_mod.use_x = True
    mirror_mod.use_y = False
    mirror_mod.use_z = False
operation == "MIRROR_Y":
    mirror_mod.use_x = False
    mirror_mod.use_y = True
    mirror_mod.use_z = False
operation == "MIRROR_Z":
    mirror_mod.use_x = False
    mirror_mod.use_y = False
    mirror_mod.use_z = True

#selection at the end -add back the deselected
mirror_ob.select= 1
modifier_ob.select=1
context.scene.objects.active = modifier_ob
print("selected" + str(modifier_ob)) # modifier
mirror_ob.select = 0
one = bpy.context.selected_objects[0]
one.data.objects[one.name].select = 1

print("please select exactly two objects,")
```

#### OPERATOR CLASSES -----

```
class MirrorOperator(bpy.types.Operator):
    """Mirror the on & mirror to the selected object"""
    bl_idname = "object.mirror_mirror_x"
    bl_label = "Mirror X"

    def execute(self, context):
        context.active_object is not None
```

Programming is intertwining  
with writing - **it's changing  
what it means to be literate**  
in the 21 st century.

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**In Vietnam, computer literacy is still an unaffordable luxury for most children, especially in the rural areas.** In most schools, **there are no computers for students to learn basic computer skills.** Therefore, **the gap between kids in the urban and rural areas is widening** and poverty is driving poor rural kids out of schools, making their future more vulnerable.

The same is true for code literacy. **The rural youth completely lack access to code literacy education.**





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**Learning to code will help prepare the kids for the world they live in today.** The skills that come with computer programming help kids develop new ways of thinking and foster problem-solving techniques that can have big repercussions in other areas. Programming is too important to be left just to computer science departments - it can be taught effectively outside of computer science. **Beyond the practical reasons for learning how to code, there's the fact that creating a game or animation can be really fun for kids.**

**The Dariu Foundation recognises the importance of code literacy** and we plan to **provide the youth with coding skills in our mobile schools.**





#### LENGTH OF PROGRAM

- **8 WEEKS** each course
- **TWO DAYS** per week
- **2 HOURS** per day



#### COST PER STUDENT

8 USD



#### WHAT DO THEY LEARN

- Scratch (2D)
- Kodu (3D)



#### HOW MANY STUDENTS PER YEAR

- **25'000** in 2018
- **40'000** in 2019
- **75'000** in 2020





The courses will take place in **our mobile schools**, **our mobile libraries**, as well as **our floating school** on the Mekong River.





**The Dariu Foundation** has been providing  
**training in basic computer skills to over 80'000 children**  
up to date.

With **our new initiative for Code Literacy**,  
we can **support even more disadvantaged youth**  
**with crucial tools** for a brighter future.



# THANK YOU!



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## CONTACT US

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