**ADVANCING OUT-OF-SCHOOL LEARNING IN MATHEMATICS AND ENGINEERING (AOLME) PROJECT**

**SESSION TRANSCRIPT**

**Completed by**: Selene Diaz Martinez

**Video title**: G-C3L1P-Feb28-D-Ivonne\_q2\_04-05

**Date: Filmed on date**: Transcribed August 12, 2020

**Folder in which the video is included/stored:** AOLME Drive: Cohort 3, Level 1, Polk, Feb 28

**Students Involved:** Kassandra, Maya, Seraly

**Facilitator:** Ivonne

**Activity/Topic:**

**Languages used**: Spanish and English

**Author:**

Transcript:

**0:00 Video starts.**

Maya: one, number one, run the code below and see what happens, two compare results here with the previous cell, three which variables do you see in the loop, four how do the variables change loop?

Facilitator: okay so it says run the code below and see what happens, so we are gonna run it

Kassandra: so what happen?

Facilitator: can you scroll down and see if there is something else? or it is just one, two, three.. okay just one, two, three, perfect, so I’m gonna give you guys a hint, so if you are not sure what is going on, you can just read this, like let the code… so it is like a cheat sheet so you can see the answer and see what is going on, so if you are like don’t know, you can just really start like this… so we already have like start I and start I, but now we have a new one which is new one which is stop I and says define the value to stop… what is the first one says? can someone read it?

Seraly: define the (unintelligible) value (unintelligible) to start counting

Facilitator: okay that is the value to start counting, okay next one

Kassandra: define the value to count by or and up to the intentional value

Facilitator: okay and now we have to stop… Oh we have a four loop, okay so it’s for I in range, what is start I?

Kassandra: one

Facilitator: stop I?

Kassandra: one

Facilitator: and then four, so it’s for I in the range one, one four, bring I… why is it printing one, two, three?

Maya: cause it’s three

Facilitator: yeah that is part of it but why it doesn’t bring the four? because it says stop at four

Kassandra: because it always stops one number before four

Facilitator: yes because is stopping one number before, so it’s not gonna show the four, it’s gonna show the three which is the last one and it’s counting the steps in one by one

Kassandra: can you like explain it?

Facilitator: yeah I think… mm?

Kassandra: explain it

Facilitator: yes

Kassandra: so it says give me a start number

Maya: 2

Kassandra: so give me a start number

Seraly: 4

Kassandra: and a stop number

Seraly: 20

Kassandra: give me a big one… sorry

Seraly: 10

Kassandra: so you are telling it to start at 2 right? and you are telling it to start at 4 so 2,3, so it would be 5, right?

Facilitator: yeah, 2, 3, 4, 5

Kassandra: okay so then 5, so what would be next?

Seraly: nine

Kassandra: nine

Facilitator: but like yeah 6, 7, 8, and then 9 yeah

Kassandra: 9 and then exactly so it’s stopped at 9

Facilitator: and it’s gonna stopped at 9 because if you do 9+4 it’s more to

Kassandra: and then plus is telling you to stop at 10, you gotta stop 1 number before

Facilitator: so yeah can we actually do that in the computer, put stop at 4 and see if we guess it?

Kassandra: in this one?

**4:31**

Seraly: mm 10

Facilitator: y ahora los codigos (*and now the codes*)

Kassandra: uu 2 sets

Facilitator: we almost got it right, just by one so it count and then 3, 4, 5, 6 and yes 3, 4, 5, 6 and then 7, 8, 9, 10, but it’s not gonna do the 10, so that is why it didn’t write the 10 so you guys wanna put a bigger number than ten and see what happens

Seraly: [does a gesture indicating yes]

Kassandra: like a higher number?

Facilitator: yes now it put… now it wrote the ten so yeah 2,6, 10, 14, 18 oh cool

Kassandra: yeah and that one was 2 times and that was just because it did one more times so it was bigger… so we are in this one right?

Facilitator: yes

Kassandra: okay so (unintelligible) now is your turn to show what you learn and practice typing the codes and run them to see how you are completing the challenge, a little error can be an excuse for the code not to run… so a little error can be an excuse and it won’t work… it won’t como se dice? (*how do you say it?)*

Maya: (unintelligible)

Kassandra: yeah

Facilitator: so we have to practice cell, so you see code there? I think I only see the instructions

Kassandra: yeah

Facilitator: so what do we do? we have to take the code from somewhere else

Kassandra: (unintelligible)

Facilitator: so what do you think we should do?

Kassandra: mm so Maya copy and paste it

Facilitator: copy and paste it … yeah so we have to copy and paste that

Kassandra: so it just this one?

Facilitator: and the four loop which is like the thing that is (unintelligible)

Kassandra: hasta abajo (*all the way down*) [to Maya who is clicking)

Facilitator: yeah I that is perfect

Kassandra: copy and then paste it, and then paste it down… so like go down and then paste it

Maya: mm no sale *(it doesn’t appear)*

Facilitator: oh no you have to click right or just control and C… oh no control B control B

Maya: B?

Facilitator: B, yeah there you go… okay but it says write the code to come from 1 to 10 so we have to change that… so what would we change? para que cuente del 1 al 10 (*so that it counts from 1 to 10)*

Kassandra: so como… (*like)*

Facilitator: okay cual es el, cual es el valor inicial para que cuente del 1 al 10? (*so what is the initial value so that it can count from 1 to 10?)*

Maya and Kassandra: 2

Facilitator: para que cuente del 1 al 10 (*so that it counts from 1 to 10)*

Kassandra: 1

Maya: 1

Facilitator: claro porque sino va a empezar a contar 2, 3, 4, 5 asi que tenemos que poner el 1 *(yes because otherwise it would start counting 2, 3, 4, 5 so we have to start by 1)*

Kassandra: I’m just gonna do it [takes the mouse] and then what do you guys think this one would be?

Maya: 5

Facilitator: and run it and see if we got it, 1 and 6 pero necesitamos que cuente 1, 2, 3, 4, 5, 6 *(but we need it to count 1, 2, 3, 4, 5, 6)*

Kassandra: so what else do you think it could be? it could be either 1 or 2 [types in the keyboard]

Facilitator: 1, 3, 5, 7, oohh ah casi (almost)

Kassandra: so it would be 1?

Facilitator: solo que te dice (unintelligible) casi nos falta el 10 (just that it tells you… almost we need the 10)

Kassandra: but doesn’t it stops at 1 before so it’s that right?

Facilitator: so tiene que stop… tiene que ser el stop en que numero? (so it has to stop… it has to stop at what number)

Kassandra: 9… so now we made it

Facilitator: so entonces el step que siento que es lo mas complicado es contar de 1 en 1, one by one, or two by two, or three by three, that is what step is telling us, you gotta start at one number and then stop at 1 number and you can count 1 by 1, 2 by 2, 3 by 3, and yes so I think that is the step… so what else do we need to? oh yeah we have to go next cell [points] where it says four loop, can someone read the instruction please?

Maya: run the code below and see what happens, compare the result with the previous statement, which variables control the loop?

Facilitator: okay so we have to run it and see what happens… okay so 2, 3, 4, 5, 6… what is doing?

Kassandra: counting the ones? is the step is one?

Facilitator: exactly, like what is the start

Kassandra and Seraly: 2

Facilitator: and what is the stop?

Kassandra and Seraly: 13

Facilitator: you guys name it, yeah go to the code and see it that is true… 2, 1, 13, there you go, you guys nail it… now you have to do one that is counting 2 by 2

Kassandra: 2, 4, 6

Facilitator: to 20 so we have to paste the code again

Kassandra: just this?

Facilitator: yeah just from start to print

Kassandra: control C?

**12:21**

Facilitator: yes

Kassandra: okay so we are starting at 2 right? [facilitator does a gesture indicating yes] so then what you guys think the step would be?

Facilitator: so it’s counting what? one by one, two by two, three by three

Kassandra: so what is it counting by?

Maya and Seraly: two

Kassandra: and what number will be stop at?

Maya and Seraly: 21

Kassandra: this time we are like the boys (unintelligible)

Facilitator: awesome, you guys are genius now

Kassandra: and we have to do this one?

Facilitator: yeah so that let’s take turns and you are gonna do one and you are gonna do another one, it’s create your own look to contest as far as you want, so you just copy and paste, well actually you can just paste, can you click and put control B?

Kassandra: control B

Facilitator: B, B, B yeah there you go, so yeah copy just one extra and just put whatever numbers you want

Kassandra: go [to Seraly]

Facilitator: so yeah you can go as far as you want

Kassandra: so yeah where do you wanna start at?

Facilitator: just change it and see what happens

Kassandra: 3? what do you wanna end it? No, no, no, what do you want to stop to? it could be 1

Seraly: I just did it

Kassandra: and what do you wanna end it?

Facilitator: a million, a hundred, thirty four, yeah let’s do it

Seraly: okay

Maya: yeah put that one

Kassandra: this is gonna take forever

Facilitator: yes

Kassandra: oh my god

Facilitator: oh yeah

Kassandra: just… yeah

Facilitator: yeah now go back and… or you can go back Maya and change it by yourself, there you go, is anyone taking the bus?

Seraly: me

Facilitator: oh okay okay so what I need you to do before you leave is to write with your thoughts of what you learn today

Kassandra: [to Maya] (unintelligible)

Maya: I’m suppose to think about it right?

Facilitator: yeah you can, and it did nothing because you ask it to start and stop at the same number so it’s like okay I’m done, did you hear what I said to her? that you have to write down so what you learn today [everyone starts writing in their folders]

Maya: [to Seraly] a que horas viene el bus de hoy? (*what time does the bus from today comes?)*

Kassandra: no se como ahorita como a las 5 *(I don’t know like now at 5)*

Maya: okay what do we have to write?

Kassandra: so 3 thoughts

Facilitator: and this is yours cause we have to do this [to Kassandra gives her a paper]

Kassandra: of what you learn today from the sessions

**16:03**

Kassandra: how many sessions did we do? 3 okay and then you can write it on the white one… Seraly you don’t have one right? so yeah just write it down there… what session to the loops? session 3

[external woman comes to the table]

External woman: ya casi son las 5, faltan 5 para las 5 hay que ir recogiendo (*almost, it’s almost*

*5, there is only 5 minutes left for 5 so you should start cleaning up)*

Maya: okay yeah

Kassandra; you can ask if we can start cleaning

[external man comes to the table]

External man: hey guys when you finish please don’t turn off the laptop, just leave it there

Kassandra: okay… what was the (unintelligible) about?

Seraly: how many thoughts?

Facilitator: 3… are you taking the bus [to Maya] yeah we have to wait for the bus, yeah it’s 4:56 so you wanna help me put everything on the box? please, thank you. I’m gonna bring the box here

Maya: terminaste? (did you finish?) [to Kassandra]

[everyone starts cleaning up]

Facilitator: thank you… oh Seraly I need to put your name in this one [grabs a paper] and write, just you wanna write here and yeah here, like what did you learn today, just one thought here,

Maya: give me the board [to Seraly]

Facilitator: thank you guys , and the mouse and the keyboard also go in the box

Kassandra: donde estan conectados (*where are they plugged?)*

Maya: el keyboard tambien? *(and the keyboard too?)*

Facilitator: ah no pero queria que escribieran todo antes de que el bus (*ah no but I wanted to write before the bus came)*

Seraly: you only want that

Kassandra: yeah okay, put it in there, asi

Seraly: where do I put this?

Facilitator: that is okay thank you girls, yeah and you can just leave the camera and everything there… the bus is not gonna be here yet, actually we ended up earlier so you can just be outside

**22:06**

Facilitator: so como te sientes? (*how do you feel)*

Kassandra: mas o menos (*more or less)*, I didn’t wanna come cause it was my birthday so

Facilitator: are you doing something?

Kassandra: yeah

Facilitator: today? awesome, I hope you have fun

Kassandra: thank you

**End of video.**