

define: Player hit or stick

if number of card = 0 then

stop this script

If number of card is 0,
end program.

set Player X to 50

Set palyer cards
position.

if Playerscore < 11 then

repeat until 10 < Playerscore

say Hit. for 1.5 seconds

random card

set number of card to number of card + 1

if number of card = 0 then

stop this script

First case, if first round
under 10.

set Playerscore to Playerscore + card value

create clone of myself

switch costume to back

set Player X to Player X + 20

glide 0.5 secs to x: Player X y: -100

Set cards position

if Playerscore = 21 then

say Play win! Next round will start. for 1.5 seconds

win

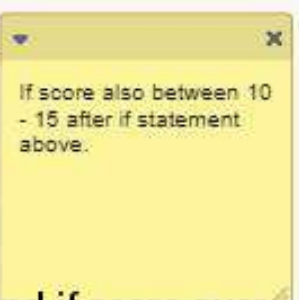
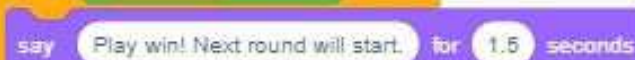
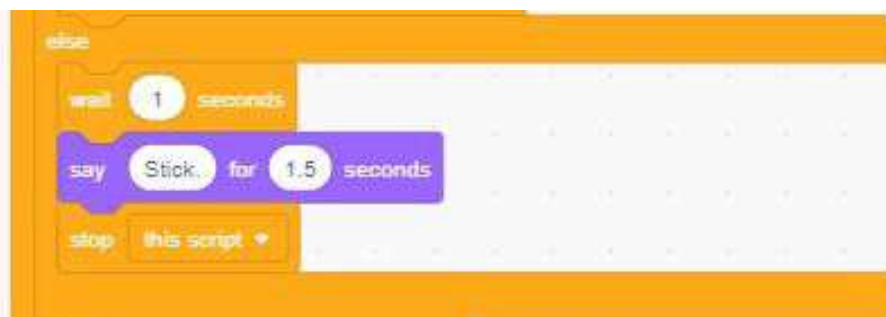
stop this script

The image shows a Scratch script for a card game. The script is as follows:

```
else
  if (10 < Playerscore and Playerscore < 15) then
    repeat until (14 < Playerscore)
      say Hit for 1.5 seconds
      random card
      set number of card to number of card - 1
      if (number of card = 0) then
        stop this script
      set Playerscore to Playerscore + card value
      if (21 < Playerscore) then
        say Bust! Dealer win! Next round will start for 1.5 seconds
        lose
        stop this script
      if (Playerscore = 21) then
        say Play win! Next round will start for 1.5 seconds
        win
        stop this script
    create clone of myself
    switch costume to back
    set Player X to Player X + 20
    glide 0.5 secs to x: Player X y: -100
```

Annotations on the script:

- A yellow note box points to the first `if` block: "Second case, if player score between 10 - 15."
- The text "The player still hit if score under 14" is placed over the `repeat until` loop.
- The text "Player score is over 21 in this whole if" is placed over the `if (21 < Playerscore)` block.
- The text "Player score is = 21 in this whole if" is placed over the `if (Playerscore = 21)` block.
- The text "Set next card position" is placed over the `create clone of myself` block.



Same like above still hit until over 14 and if score over 21 and = 21.

Set cards position

