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BEWERTUNG
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Test your knowledge on coding in R

GESAMTPUNKTZAHL 3

1. An analyst includes the following calculation in their R programming:

   `midyear_sales <- (quarter_1_sales + quarter_2_sales) - overhead_costs`

   Which variable will the total from this calculation be assigned to?

   1 / 1 Punkt

   - ⦿ `midyear_sales`
   - ◯ `quarter_1_sales`
   - ◯ `quarter_2_sales`
   - ◯ `overhead_costs`

   > ✓ **Richtig**
   > The total from this calculation will be assigned to the variable `midyear_sales`. The assignment operator <- follows the variable `mid_sales`, so the value of the calculated total is assigned to this variable.

2. An analyst is checking the value of the variable x using a logical operator, so they run the following code:

   `x > 35 & x < 65`

   Which values of x would return `TRUE` when the analyst runs the code? Select all that apply.

   1 / 1 Punkt

   - ☐ 35
   - ☑ 50

   > ✓ **Richtig**
   > The values 50 and 60 will return `TRUE` when the analyst runs the code `x > 35 & x < 65`. In this code, the logical operator & tells the server to return `TRUE` when the value of the variable is greater than 35 and less than 65.

   - ☑ 60

   > ✓ **Richtig**
   > The values 50 and 60 will return `TRUE` when the analyst runs the code `x > 35 & x < 65`. In this code, the logical operator & tells the server to return `TRUE` when the value of the variable is greater than 35 and less than 65.

   - ☐ 70

3. Which of the following functions can analysts use to create conditional statements in their R programming? Select all that apply.

   1 / 1 Punkt

   - ☐ c()
   - ☐ print()
   - ☑ if()

   > ✓ **Richtig**
   > Analysts can use the if() and else() functions and other functions to create conditional statements in their R programming. Conditional statements declare that if a certain condition is true, then a certain event must take place.

   - ☑ else()

   > ✓ **Richtig**
   > Analysts can use the if() and else() functions and other functions to create conditional statements in their R programming. Conditional statements declare that if a certain condition is true, then a certain event must take place.