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CFG-rules
                                                                                       Tasks
<condition> ::= <identifier> <relation> <rhs>
              ::= "and" | "or" | "not" | "and not" | "or not" | ""
<cc>
                                                                                            How old are together the adult students in the class?
<conditions> ::= <condition> <cc> . [<conditions>]
                                                                                            Select an adult student from the class!
<indicator> ::= "sum" | "decide" | "select" | "count" | "maximum" | "assort"
                                                                                            Separate the students into two groups based on age in the class!
<algorithm> ::= <indicator> [<item property>] <item>
                  [<conditions>] <collection>
                                        Templates
                                                 What is <indicator> of <item_property> of <item> where
                                                 <conditions> in <collection> ?
                                                 <indicator> the <item_property> of <item> where
                                                 <conditions> in <collection> ?
                                                 <indicator> a <item_property> of a <item> if
                                                 <conditions> where <collection> ?
                                                                                    Indicator selector
                                        Pattern specific templates
                                                       What is sum of <item_property> of <item> where
                                                        <conditions> in <collection> ?
                                                       \textbf{Select} \hspace{0.1in} \textbf{the} \hspace{0.1in} \textbf{<item\_property>} \hspace{0.1in} \textbf{of} \hspace{0.1in} \textbf{<item>} \hspace{0.1in} \textbf{where}
                                                        <conditions> in <collection> ?
                                                       Assort a <item_property> of a <item> if
                                                        <conditions> where <collection> ?
                                                                                   Sentence generator
                                       Sentences
                                             What is the sum of age of student where age bigger than 18 in class?
                                             Select the age of a student where age bigger than 18 in class?
                                             Assort the age of the students if age bigger than 18 in class ?
                                                                                    Code generator
                                         Snippets
                                               res = sum(student.age for student in class if student.age > 18)
                                               res = [student for student in class if student.age > 18]
                                               res1 = [student for student in class if student.age > 18]
                                               res2 = [student for student in class if not student.age > 18]
```