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1: unit ReadStringFunction;
2:
3: interface
4:   Function ReadString(prompt : String):String;
5:   Function ReadDouble(prompt: String): Double;
6:   Function ReadInt(prompt : String):Integer;
7:   Function ReadIntegerRange(prompt : String ; min, max : Integer):Integer;
8:
9: implementation
10: uses
11:   sysUtils;
12:
13: Function ReadString(prompt : String):String;
14: begin
15:   Write(prompt);
16:   ReadLn(result);
17: end;
18:
19: Function ReadDouble(prompt: String): Double;
20: var
21:   temp: String;
22: begin
23:   temp := ReadString(prompt);
24:
25:   while not TryStrToFloat(temp, result) do
26:   begin
27:     WriteLn('Please enter a real number ');
28:     temp := ReadString(prompt);
29:   end;
30: end;
31:
32: Function ReadInt(prompt : String):Integer;
33: var
34:   temp : String;
35:   age : Integer;
36: begin
37:   //temp := ReadString(prompt);
38:   while not TryStrToInt(ReadString(prompt),age) do
39:   begin
40:     WriteLn('Please enter a whole number :');
41:     ReadLn(temp);
42:   end;
43:   result := age;
44: end;
45:
46: function ReadIntegerRange(prompt : String ; min, max : Integer):Integer;
47: begin
48:   result := ReadInt(prompt);
49:   While (result < min) or (result > max) do
50:   begin
51:     WriteLn('Please enter a value between ',min,' and ', max);
52:     result:= ReadInt(prompt);
53:   end;
54: end;
55:
56: end.
```