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| **Task** | **Python** | **SQL** |
| **Declaring variables** | a = 5  print a | DECLARE @a as int  SET @a = 5  SELECT @a |
| **While Loop** | i = 0  while i < 5:  print i  i = i + 1 | DECLARE @a as int  SET @a = 0  WHILE @a < 5  BEGIN  SELECT @a  SET @a = @a + 1  END |
| **IF/THEN** | if 1<>1:  print 'one does not equal to one '  elif 1==0:  print '1 is equal to zero'  else:  print '1 does not equal to 0' | IF 1 <> 1  BEGIN  SELECT 'one does not equal to one'  END  ELSE IF 1 = 0  BEGIN  SELECT '1 is equal to zero'  END  ELSE  BEGIN  SELECT '1 does not equal to zero'  END |