**Efficient Python Coding**

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| **Python Input** | **Shell Output** |
| x=input(“Please enter your \ first name\n”)  y=input(“Please enter your \  last name\n”)  print (“Hello”,x,y) |  |
| if age < 12:  print(“You must be in year 6”  elif age ==12:  input(“Are you in year 7?”)  elif age >=13:  input(“What year are you in?”)  else  age=input(“There must be \ am error please re-enter your \ age”) |  |
| If |  |
| lines=0  while lines < 5:  print(“I will not write code\  in history lessons.”)  lines=lines+1 | Fixed loop |
| number=1  while number < 5:  print(number)  number=number+1 |  |
| Noticing: In the last example, why do we not need to use \ |  |