**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=0while lines < 5: print(“I will not write code\ in history lessons.”) lines=lines+1 | Fixed loop |
| number=1while number < 5: print(number) number=number+1 |  |
| Noticing: In the last example, why do we not need to use \ |  |