1 – Grades

```python
grades = input("Enter a list of grades (separated by spaces): ").split()

invalid_grade_count = 0

for grade in grades:
    if not grade.isdigit() or int(grade) < 0 or int(grade) > 100:
        print("Invalid")
        invalid_grade_count += 1
    else:
        print("Valid")

# Display the invalid grade count
print("Number of invalid grades:", invalid_grade_count)
```

```python
grades2 = input("Enter a list of grades (separated by spaces): ").split()

sum_of_grades = 0
for grade in grades2:
    sum_of_grades += int(grade)

average_grade = sum_of_grades / len(grades)

print("Average grade:", average_grade)
```

2 – full name split

```python
full_name = input("Enter your full name: ")

first_name, last_name = full_name.split(" ")

print("Your first name is:", first_name)
print("Your last name is:", last_name)
```

3 – vowels count

```python
statement = input("Enter a statement: ")

vowel_count = 0

for character in statement:
    if character in ["a", "e", "i", "o", "u"]:
        vowel_count += 1

if vowel_count > 0:
    print("The number of vowels in the statement is:", vowel_count)
else:
    print("No vowels found.")
```