```python
# classwork Nov 3, 2019
# for loop and if statements


'''
while True:
    grade = input("What's your score? ")
    try:
        grade = int(grade)
    except:
        print("Incorrect input. Try again.")
        continue
    else:
        break
'''

grade = 84

print(f"Your score is {grade}.")
if grade > 80:
    print("It's a PASS")
else:
    print("It's a FAIL")

if grade >= 90:
    print("Your grade is A")
elif grade >= 80:
    print("Your grade is B")
elif grade >= 70:
    print("Your grade is C")
else:
    print("Your grade is F")


print("Finding prime numbers: ")
for i in range(2, 101):
    notprime = 0
    for j in range(2, int(i/2)):
        if  i%j == 0:
            notprime = 1
```

```python
        print(f"{i} is not a prime")
        break
if notprime == 0:
    print(f"{i} is a prime --------------------")
```