```python
# python program to caculate grade of student

print("Enter 'x' for exit.");
print("Enter marks obtained in 5 subjects:");
mark1 = input();
if mark == 'x':
    exit();
else:
    mark1 = int(mark1);
    mark2 = int(input());
    mark3 = int(input());
    mark4 = int(input());
    mark5 = int(input());
    sum = mark1 + mark2 + mark3 + mark4 + mark5;
    average = sum/5;
    if(average>=91 and average<=100):
        print("Your grade is A+");
    elif(average>=81 and average<=90):
        print("Your grade is A");
    elif(average>=71 and average<=80):
        print("Your grade is B+");
    elif(average>=61 and average<=70):
        print("Your grade is B");
    elif(average>=51 and average<=60):
        print("Your grade is C+");
    elif(average>=41 and average<=50):
        print("Your grade is C");
    elif(average>=0 and average<=40):
        print("Your grade is F");
    else:
        print("Grade not possible");
```