

1. Convert Python fragment given below to C language.

```
disc = b * b - 4 * a * c
if disc < 0:
    num_sol = 0
else:
    t0 = -b / a
    if disc == 0:
        num_sol = 1
        sol0 = t0 / 2
    else:
        num_sol = 2
        t1 = disc ** 0.5 / a
        sol0 = (t0 + t1) / 2
        sol1 = (t0 - t1) / 2
```

2. Write Python function below in C language.

```
def gcd(a, b):
    if b == 0:
        return a
    else:
        return gcd(b, a % b)

print("GCD: " + str(gcd(24, 40)))
```

3. Write a program in C that finds the greatest of given 5 numbers.