

COMPUTER ORGANIZATION & ASSEMBLY LANG.

Course Instructor: Dr. Shafina

Converting C Code in MIPS

Write LAB report and submit along with program in hard form today before 2:00 pm, Attach screenshot of output window

Task 1: Convert the following pseudocode into MIPS.

Void main()

```
{
    int B[4] = {300,200,100,0};
    int i = 3;
    B[i] = B[0] + B[1] + B[2];
}
```

%%%%%%%%%

Task 2: Convert the following pseudocode into MIPS.

Void main()

```
{
    int B[5] = {1,2,3,4,5};
    sum = 0;
    result = sum_calc (sum,size_array, B[]);
    printf ("%d", result);
}
```

int sum_calc(a,b,A[])

```
{
    for (I = 0, I < b; I++)
    {
        a = a + A[i];
    }
    return (a);
}
```

%%%%%%%%%