

Assignment 10

1. Write a MIPS Assembly Language program that is equivalent to the following C function:

```
main() {  
    Int a=-10;  
    Int b= 5;  
  
    Int z= func(a,b);  
    Print(z);  
}  
  
int func (int x, int y)  
{  
    int u;  
  
    u = -5 * x - 7 * y;  
    if (u < -35)  
        return -35;  
    else if (u > 35)  
        return 35;  
    else  
        return u;  
}
```

2. Write a program in MIPS assembly language program to convert all occurrence of lower case letters in a user given string to upper case letters.
3. Write a MIPS function to convert a user given integer to a binary number