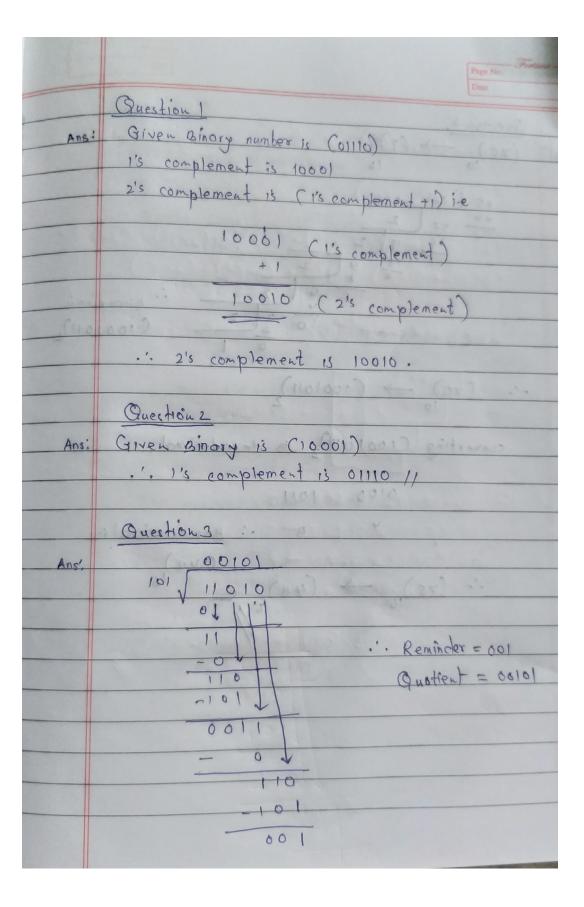


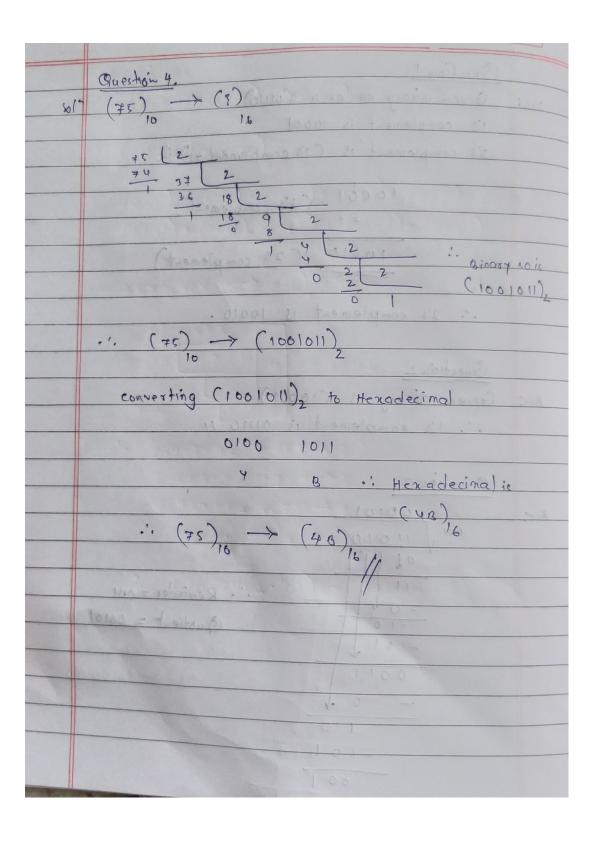
# GYALPOZHING COLLEGE OF INFORMATION TECHNOLOGY

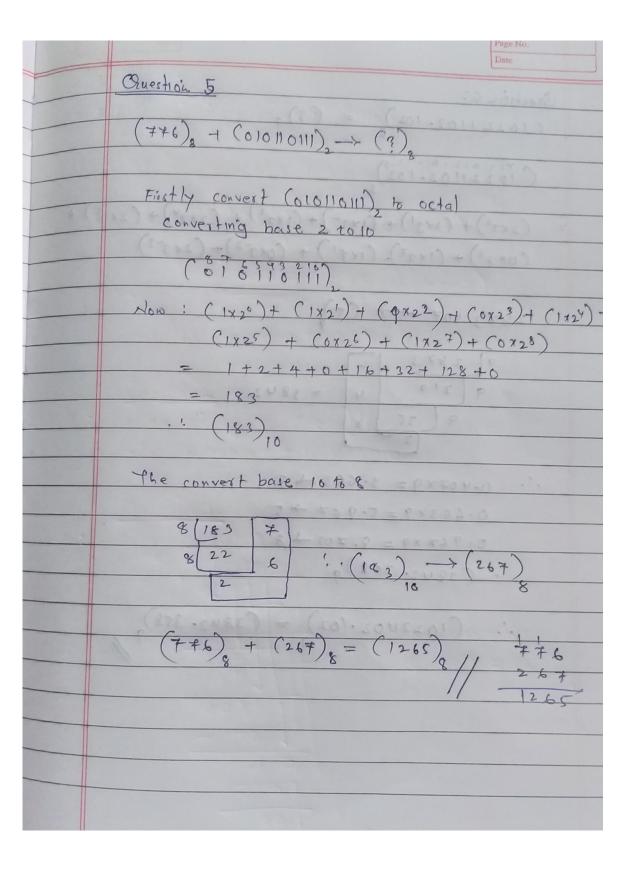


C programming ITP203

Submitted by: Dorji Gyeltshen 12190049 Group A







# **Question 7**

```
#include <stdio.h>
int main() {
  int x1 = 0, x2 = 1, nextTerm = 0, n;
  printf("Enter a positive number: ");
  scanf("%d", &n);
  printf("Fibonacci Series: %d, %d, ", x1, x2);
  nextTerm = x1 + x2;
  while (nextTerm <= n) {
    printf("%d, ", nextTerm);
    x1 = x2;
    x2 = nextTerm;
  nextTerm = x1 + x2;
  }
  return 0;
}</pre>
```

## **Output**

```
Activities Terminal 

| Activities Terminal | Activities | Activities
```

### **Question8**

```
#include <stdio.h>
int main() {
int num, Number, remainder, result = 0;;
printf("Enter a three-digit number: ");
scanf("%d", &num);
Number = num;
while (Number != 0) {
// remainder contains the last digit
remainder = Number % 10;
result += remainder * remainder;
// removing last digit from the orignal number
Number = Number/ 10;
if (result == num)
printf("%d is an Armstrong number.", num);
printf("%d is not an Armstrong number.", num);
printf("\n");
return 0;
}
```

## **Output**

