

1.	a)	Write a code for binary search using switch statement.	
	b)	Write down the difference between i) while & do-while ii) break & continue	
	c)	Convert the following if else segment using conditional statement if(n>0) { if (a>b) z=a; } else z=b;	
2.	a)	Replace the following <b>for</b> loop with <b>do-while</b> loop for(i=0, j=strlen(s)-1; i<j; i++, j--) c=s[i], s[i]=s[j], s[j]=c;	
	b)	Compare between i) <b>macro &amp; function</b> ii) <b>recursion &amp; loop</b>	
	c)	Replace the following for loop with recursion  #include <stdio.h> #include <stdlib.h>  int main() { printf("Hello world!\n"); int n,i,sum=0; printf("please enter the value of N\n"); scanf("%d",&n); for(i=0; i<=n; i++) { sum += i; } printf("The summation of '0' to 'N' is: %d \n",sum); return 0; }	