C-Practical 2

1. Find out output for the following programmes.

void main()
{
int a,b=100;
a=b++;
printf("%d%d",a,b);
}
	void main()
	{
	int a,b=100;
	a=++b;
	printf("%d%d",a,b);
	}

void main()
{
int a,b=100;
a=b--;
printf("%d%d",a,b);
}
	void main()
	{
	int a,b=100;
	a=--b;
	printf("%d%d",a,b);
	}

void main()
{
int a=100,b=100;
a=b--;
printf("%d%d",a,b);
}
	void main()
	{
	int a=100,b=100;
	a=--b;
	printf("%d%d",a,b);
	}

void main()
{
int a=100,b=100;
a=(a++)+b++;
printf("%d%d",a,b);
}
	void main()
	{
	int a=100,b=100;
	a=++b+b++;
	printf("%d%d",a,b);
	}

void main()
{
int a=100,b=100;
a=(b++)+b++;
printf("%d%d",a,b);
}
	void main()
	{
	int a=100,b=100;
	a=(a++) + (++a) + b++;
	printf("%d%d",a,b);
	}

void main()
{
int a=100,b=100;
b=(a++) + (--a) + a++;
printf("%d%d",a,b);
}
	void main()
	{
	int a=100,b=100;
	b=(--a) + (--a) + a++;
	printf("%d%d",a,b);
	}

void main()
{
int a=100,b=100;
b=(a++) + (--a) + a++;
printf("%+-10d%+-10d",a,b);
}
	void main()
	{
	int a=100,b=100;
	b=(a++) + (--a) + a++;
	printf("%+010d%+-010d",a,b);
	}

void main()
{
int a=100,b;
b=(a++) + (--a) + a++;
printf("%+-10d%+-10d",a,b);
}
	void main()
	{
	int a=100,b=100;
	b=(b++) + (--b) + a++;
	printf("%+-10d%+-10d",a,b);
	}

void main()
{
int a=100,b=100;
b=(++b) + (--a) + a++;
printf("%+-10d%+-10d",a,b);
}
	void main()
	{
	int a=100,b=100;
	b=(b++) + (--a) + a++;
	printf("%+-10d%+-10d",a,b);
	}

(Note: Take input from user)

Q2. Write a C programme to calculate tax 8% on given amount.
Q3. Write a C programme to calculate total price on given qty and rate.
Q4. Write a C programme to accept rno and marks of 3 sub, and print rno,total,avg,per.
Q5. Write a C programme to calculate:

1. 1+2+3+…+10
2. 1/2+2/3 +…+9/10
3. $1^2+2^2+….+10^2$
4. (1*2)+(2*3)+…+(9*10)
5. 1+2+…+n
6. 1.5+2+2.5+….+10.5
7. Factorial of 7.
8. Table of 5.
9. Table of user accepted number.