```
public class Esercizio2B_2006_09_06{
	public static void main(String[] args){

		int[] a={14,-1,5,8,-16,6};
		int k=4;
		int[] c=elaboraVettore(a,k);
		for (int i=0;i<c.length;i++){
			System.out.println(c[i]);
		}
	}


	static int[] elaboraVettore(int[] v,int k){
		int[] temp=new int[v.length];
		int cont=0;
		for (int i=1;i<v.length;i+=2){
			if (v[i]>0 && v[i]>k) {
				temp[cont]=v[i];
				cont++;
			}
		}
		int[] w=new int[cont];
		for (int i=0;i<cont;i++){
			w[i]=temp[i];
		}
		return w;
	}

}
```

```
public class Esercizio3B_2006_09_06{

	public static boolean colonnaInversa(int[][] M){
		boolean inversa = true;
		for (int i=0; i < M.length && inversa; i++)
			if (M[i][0] != M[M.length -1 -i][M[0].length -1])
				inversa = false;
		return inversa;
	}

	public static boolean verificaPresenza(int[][] M, int[] V){
		boolean presente = true;
		boolean trovato;
		for (int k = 0; k < V.length && presente; k++){
			trovato = false;
			for (int i = 0; i < M.length && !trovato; i++)
				for (int j = 0; j < M[0].length && !trovato; j++)
					if (M[i][j] == V[k])
						trovato = true;
				if (!trovato)
					presente = false;
		}
		return presente;
	}

	public static int[][] creaMatriceColonne(int[][] M){
			int numero_colonne=M[0].length/2+M[0].length%2;
			int[][] N=new int[M.length][numero_colonne];
			int colonna=0;
			for (int i=0;i<M[0].length;i+=2){
				colonna=0;
				for (int j=0;j<M.length;j++)
					N[j][colonna]=m[j][i];
				colonna++;
			}
			return N;
	}
}
```