1. 答：

T 🡪array ‘(‘ I , T1 ‘)’ { T.code = “10”+T1.code; }

| T ‘X’ T { T.code = “”; }

| pointer ‘(‘ T1 ‘)’ { T.code = “01”+T1.code; }

| record ‘(‘ T ‘X’ T ‘)’ { T.code = “”; }

| T1 ‘🡪’ T2 { T.code = “11”+T2.code; }

| boolean { T.code = “0000”; }

| char { T.code = “0001”; }

| integer { T.code = “0010”; }

| real { T.code = “0011”; }

| type\_error { T.code = “ERROR”; }

| void { T.code = “”; }

I🡪num .. num

1. 答：
2. pointer(array(51..150, real))
3. array(-5..5, array(0..127, integer))
4. ((pointer(char )X char🡪integer) X array(0..9, pointer(char)) X char)🡪array(0..9, integer)