What is claimed is:

1. A video decoding method performed by a video decoding apparatus, the method comprising:

parsing a first flag related to whether weighted prediction is applied to P slices referring to a picture parameter set, from the picture parameter set of a bitstream;

parsing a second flag related to whether the weighted prediction is applied to B slices referring to the picture parameter set, from the picture parameter set;

parsing a third flag related to whether information on the weighted prediction is present in a picture header of the bitstream or in a slice header of the bitstream, from the picture parameter set;

parsing a prediction weighted table syntax from the picture header or the slice header;

generating prediction samples for a current block by performing the weighted prediction on the current block in a current picture based on syntax elements in the prediction weighted table syntax; and

generating reconstructed samples based on the prediction samples,

wherein the third flag is parsed based on the first flag or the second flag,

wherein the prediction weighted table syntax is parsed from the picture header based on the third flag and a present flag representing that a reference picture list is present in the picture header, and

wherein the present flag is parsed from the picture header.

2. A video encoding method performed by a video encoding apparatus, the method comprising:

deriving motion information on a current block;

performing weighted prediction on the current block based on the motion information; and

encoding image information comprising a first flag, a second flag, a third flag and information on the weighted prediction,

wherein the first flag is related to whether weighted prediction is applied to P slices referring to a picture parameter set, the second flag related to whether the weighted prediction is applied to B slices referring to the picture parameter set, and the third flag is related to whether information on the weighted prediction is present in a picture header,

wherein the information on the weighted prediction comprises a prediction weighted table syntax,

wherein the third flag is comprised in the picture parameter set based on the first flag or the second flag,

wherein the prediction weighted table syntax is comprised in the picture header based on the third flag and a present flag representing that a reference picture list is present in the picture header, and

wherein the present flag is comprised in the picture header.

3. A non-transitory computer-readable digital storage medium storing a bitstream generated by a video encoding method, the video encoding method comprising:

deriving motion information on a current block;

performing weighted prediction on the current block based on the motion information; and

encoding image information to generate the bitstream, wherein the image information comprises a first flag, a second flag, a third flag and information on the weighted prediction,

wherein the first flag is related to whether weighted prediction is applied to P slices referring to a picture parameter set, the second flag related to whether the weighted prediction is applied to B slices referring to the picture parameter set, and the third flag is related to whether information on the weighted prediction is present in a picture header,

wherein the information on the weighted prediction comprises a prediction weighted table syntax,

wherein the third flag is comprised in the picture parameter set based on the first flag or the second flag,

wherein the prediction weighted table syntax is comprised in the picture header based on the third flag and a present flag representing that a reference picture list is present in the picture header, and

wherein the present flag is comprised in the picture header.

4. A transmission method of data for a video, the method comprising:

obtaining a bitstream for the video, wherein the bitstream is generated based on deriving motion information on a current block, performing weighted prediction on the current block

based on the motion information, and encoding image information comprising a first flag, a second flag, a third flag and information on the weighted prediction; and

transmitting the data comprising the bitstream,

wherein the first flag is related to whether weighted prediction is applied to P slices referring to a picture parameter set, the second flag related to whether the weighted prediction is applied to B slices referring to the picture parameter set, and the third flag is related to whether information on the weighted prediction is present in a picture header,

wherein the information on the weighted prediction comprises a prediction weighted table syntax,

wherein the third flag is comprised in the picture parameter set based on the first flag or the second flag,

wherein the prediction weighted table syntax is comprised in the picture header based on the third flag and a present flag representing that a reference picture list is present in the picture header, and

wherein the present flag is comprised in the picture header.